Scholars
Global School
Enlightening • Empowering • Enterprising

WINTER BREAK HOLIDAY HOMEWORK
Session: 2025-26
Class IX

(ENGLISH)

Do any one task of the following.

Task 1 — Podcast / Audio Journal

- Record a 3–5 minute podcast episode on any one of the following:
1. A book that changed your perspective
2. A person I admire and why
3. Why teenagers need hobbies

Focus on pronunciation, expression & clarity

Write the script before recording

For recording a podcast options like Riverside , Audacity and Spotify and for audio journal, simple built-in apps like Voice memos (iOS) or Audio Diary are excellent choices.

Task 2 — Book Review

Where to do: on A-4 size sheet

- Choose any one English novel/biography from the following and prepare:
- Oscar Wilde / Anton Chekov/ Douglas James
- Title, Author, Genre
- Summary (in your own words)
- 3 Vocabulary words learnt
- Favourite quote
- Personal opinion (Would you recommend it? Why/why not?)

Revise the syllabus completed to date and complete the homework assignment .

Assessment Rubric (for teachers)

Criteria Marks

- Creativity & originality   1
- Language accuracy   1
- Presentation & organisation   1
- Vocabulary & expression   1
- Punctual submission   1

Assignment

1. **Read the following passage:**

1. In today's contemporary online shopping landscape, a perfect storm of choice engulfs consumers. Research consistently indicates that individuals presented with a limited selection tend to make more confident and efficient decisions compared to those confronted with overwhelming choices.

2. Consequently, assisting consumers in navigating the vast expanse of options available online has evolved into a thriving industry on a global scale. Many brands and retailers now employ marketing strategies revolving around the aspects given in the table below:

Aspect	Description
Industry	Helping consumers decide what to buy online.
Marketing tools	Selecting, differentiation and discovery.
Data utilization	Digital advertising, cataloging people by gender, income level, personal interests and more.

Retail Assistance	Algorithms, influencers and ad tech.	
Challenge	Choice fatigue due to the overwhelming volume of consumer choices.	
Solution	Lifestyle influencers on Instagram providing aspirational content and product recommendations.	

3. For a relatively new breed of consumer product startups, a different approach emerges entirely. Rather than attempting to navigate the existing sea of products, these companies claim to revolutionize conventional consumer choices. Some brands offer limited, functional, mid-priced products, instilling customer confidence and breaking the cycle of consumerism.

4. The global product abundance could be more equitable. Unfortunately, creators often prioritize wealthier consumers.

5. For startups promising accessible simplicity, their very structure may eventually lead them back to an overwhelming array of choices. Most of these companies rely on hundreds of millions of dollars in venture capital funding, and their inventors typically expect rapid growth. (Adapted for academic usage)

Answer the following questions, based on the passage above:

i. What does the use of the phrase 'a perfect storm of choice', by the writer, in paragraph 1, tell us about their feelings? (1 Mark)

(A) The consumers are elated   (B) The consumers are confused
(C) The consumers are confident   (D) The consumers are decisive

ii. Identify the word in paragraph 2, that indicates that the writer feels assisting consumers has become a profitable industry. (1 Mark)

_____

_____

_____

iii. Based on the aspects mentioned in the table, mention the marketing approach that is primarily concerned with understanding consumers based on various factors. (1 Mark)

_____

_____

_____

iv. Complete the following analogy approximately, based on your understanding of the table: (1 Mark)
Cataloging people by gender, income level, personal interests etc. is to Data utilization as Algorithms, influencers, and ad tech are to _____.

v. Which aspect in the table pertains to presenting consumers with carefully selected choices to assist decision-making? (1 Mark)

(A) Challenge   (B) Data utilization
(C) Marketing trends   (D) Retail assistance

vi. Based on your understanding, fill the blank with the appropriate option from those given in brackets: (1 Mark)
The solution to combat choice fatigue to _____ (follow/employ/recommend) lifestyle influencers on Instagram who provide self-improving content and product references.

vii. Complete the sentence suitably: (1 Mark)
The different approach to revolutionise consumer choices is to _____.

viii. Complete the following with a suitable reason: (1 Mark)
The writer believes that the global product abundance cannot be equitable because _____.

ix. In the context of the last paragraph though the startups promise simplicity of access, what are the drawbacks of such a structure? (2 Mark)

2. Complete ANY TEN of twelve of the following tasks, as directed

1. **Fill in the blank by using the correct form of the word in the bracket, for the given portion of a letter:** Such posters _____ (impact) youngsters negatively and can be hazardous to their self esteem.

2. **Identify the error and supply the correction, for the following:**

Delhi Government
COVID-19 FAMILY FINANCIAL ASSISTANCE SCHEME
An assistance of ₹50,000/- will be given to all family living in Delhi on each death of any family member due to COVID-19, whether or not they were earning members.

Use the given format for your response.

error	correction

3. **Report the dialogue between Lata and Usha, by completing the sentence:**
   Lata: What activity did you enjoy the most in the summer camp?
   Usha: I enjoyed the art and craft class.
   Lata asked Usha what activity did she enjoy the most in the summer camp. Usha replied that she _____.

4. **Uncle Sam was looking for a pen to fill his form in the bank. The assistant from the help desk asked the following question to Uncle Sam. Report the assistant's question.**
   Are you looking for something?

   _____
   _____

5. **Although _____ species of fox are reddish in color, _____ Arctic fox is often purewhite.**
   a) a great amount of/an   c) any/the
   b) many/the   d) most/the

6. **Select the option that identifies the error and supplies the correction for the following line, from a news report:**
   A doctor and his two children died in the fire accident that took place in Tamil Nadu's Tirupati district,on Sunday.

7. **Now that they have raised the prices at the gym, I _____ going there or I'll have difficulty paying it.**
   a) had stopped   b) Should stop
   c) had better stop   d) used to stop

8. **Complete the given narrative, by filling in the blank with the correct option**
   Heena _____ from fever since last Sunday.

Option no.	Error	Correction
A	died	dies
B	the	a
C	took	takes
D	in	at

a) suffered   b) suffer   c) has been suffering   d) will suffer

Fill in the blank by choosing the correct option, to complete a blog on 'Success & Failure'.

Enjoy when you cannot do it and endure when you _____ do it.

a) should   b) could

c) must   d) might

10. **Complete the line from a self-awareness song, by filling the blank with the correct option.**

"But cheerly still: and said, "I pray thee, then, Write me as one that _____ his fellow men.

a) loved   b) love

c) will love   d) loves

11. **Although every student in my class _____ the schedule, one of my students always _____ late to the class.**

a) knows, comes   b) know, comes

c) knows, coming   d) know, come

12. **The police _____ to have been called by the thieves themselves to the wrong address at the same time of the robbery.**

a) are supposed   b) supposed

c) was supposed   d) is supposed

HINDI

Q1. गतिविधि प्रश्न – ''समास की दुनिया''

निर्देश : A4 साइज़ शीट पर रंगीन पेन/स्केच का प्रयोग करते हुए नीचे दिए गए कार्य को रचनात्मक ढंग से पूरा कीजिए।

गतिविधि के चरण :

1 समास का वृक्ष बनाइए :

A4 शीट के बीच में एक वृक्ष का चित्र बनाइए।

वृक्ष के तने पर लिखिए —— ''समास''

शाखाओं पर लिखिए ——

अव्ययीभाव , तत्पुरुष , द्वंद्व , बहुव्रीहि , कर्मधारय

2 प्रत्येक समास के उदाहरण :

.प्रत्येक शाखा के पास; .एक समासिक शब्द; .उसका विग्रह; सुंदर बॉक्स में लिखिए।

उदाहरण : राजपुत्र ⟶ राजा का पुत्र (तत्पुरुष)

(प्रत्येक समास के कम से कम 2 उदाहरण लिखिए।)

3 चित्र से समास पहचानिए

शीट के निचले भाग में 2–3 छोटे चित्र बनाइए, जैसे ——

1- ग्राम को गया हुआ;   2- नीली है जो गाय ;   3 - शक्ति के अनुसार

कार्य : चित्र देखकर समासिक शब्द बनाइए।; समास का भेद लिखिए।

Q2. गतिविधि कार्य : - अलंकार म्यूज़ियम

*कल्पना करें कि अलंकार एक म्यूज़ियम है।

हर अलंकार के लिए एक ''स्टॉल'' बनाइए:

1. अलंकार का नाम;   2. सरल परिभाषा ; 3. 2 काव्य पंक्तियाँ / दोहे   4. चित्र – जो अर्थ को साफ़ समझाए

उदाहरण:

यमक स्टॉल – एक शब्द, दो चित्र, दो अर्थ

अनुप्रास स्टॉल – एक ही अक्षर को हाइलाइट करें

श्लेष स्टॉल – एक पंक्ति, दो अर्थ दिखाते चित्र
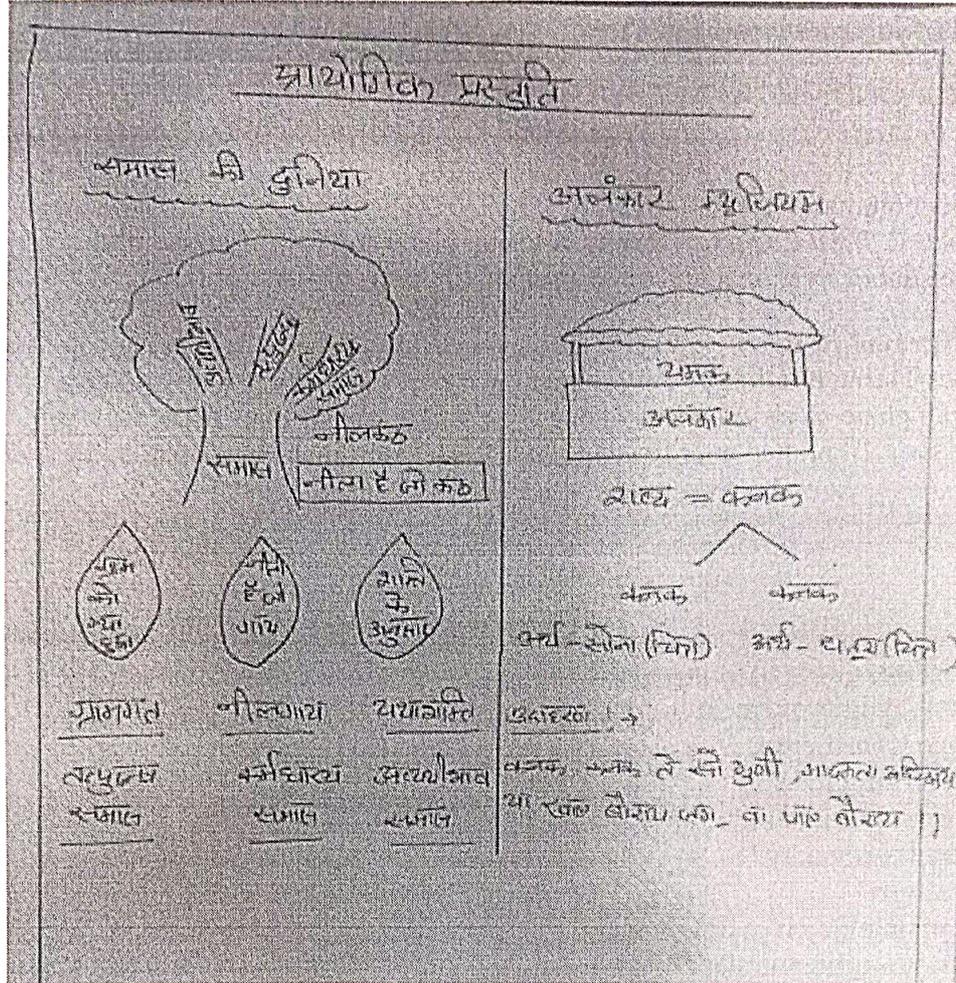
MATHEMATICS

General Instructions
- All questions are based on CBSE competency-based assessment pattern.
- Show complete steps and proper reasoning.
- Diagrams must be neat and labelled.
- Art Integrated Activity is compulsory.
- Homework will be assessed for concept clarity, presentation, creativity, and originality.

Section A: Objective Type Questions (MCQs)
1. Which of the following numbers is irrational?
   - a) 0.25
   - b) $\sqrt{16}$
   - c) $\sqrt{7}$
   - d) 3/5
2. The degree of the polynomial $5x^3 - 4x + 7$ is:
   - a) 1
   - b) 2
   - c) 3
   - d) 4

Section B: Short Answer Questions
1. Write the decimal expansion of 13/125. State its nature.
2. Find the value of $(4 + \sqrt{3})(4 - \sqrt{3})$.
3. Write the coordinates of a point lying on the x-axis at a distance of 5 units from origin.
4. Find the zero of the linear polynomial $2x + 6$.
5. Define an irrational number with one example.

Section C: Case Study / Application-Based Questions
Case Study – Number Systems:
   A student represents irrational numbers on a number line using geometrical construction. Answer the following questions related to $\sqrt{5}$.

Section D: Long Answer Questions
6. Find the zeroes of the polynomial $x^2 - 7x + 10$ and verify the relationship between zeroes and coefficients.
7. Rationalise the denominator: $5 / (\sqrt{3} - \sqrt{2})$.
8. Plot the points $A(-2,3)$, $B(2,-3)$, $C(4,2)$ on Cartesian plane and identify quadrants.
9. Explain why the sum of a rational and an irrational number is always irrational.

Section E: Art Integrated Activity
Theme: Mathematics Through Indian Art & Culture
   Draw a Cartesian plane on an A4 sheet. Using Madhubani or Warli art patterns, create a meaningful design using at least 10 plotted coordinate points. Write coordinates used and add a 5–6 line reflection.

SCIENCE

(Biology)

Short Answer Questions
1. What is meant by improvement in food resources?
2. Name any one Kharif crop.
3. Write the full form of HYV.
4. Name one macronutrient required by plants.
5. What is animal husbandry?

Long Answer Questions
6. Explain the main objectives of crop variety improvement.
7. Describe various agricultural practices involved in crop production.
8. Explain different methods of nutrient management used in farming.
9. Describe the role of animal husbandry in increasing food production in India.

Competency-Based Questions (Application & Reasoning)
10. A farmer grows wheat in the same field year after year. After some time, the yield decreases.
   a) Identify the problem.
   b) Suggest two suitable agricultural practices to overcome it.
11. A farmer wants to reduce the risk of total crop failure due to drought.
   a) Which cropping pattern should he adopt?
   b) Justify your answer.
12. Continuous use of fertilisers has degraded soil quality in a village.
   a) State the reason for soil degradation.
   b) Suggest two corrective measures.

Case-Based Questions
13. Ramesh is a small farmer who practices crop rotation and uses organic manure instead of chemical fertilisers. Over the years, he noticed better soil quality and stable crop yield.
a) Name the two agricultural practices followed by Ramesh.
b) How do these practices help in maintaining soil fertility?
c) Why are these practices suitable for sustainable agriculture?

**Research / Higher-Order Thinking Questions**
14. Study the effects of excessive use of chemical fertilisers on soil and groundwater. List any four points based on your research.
15. Research and write about the importance of organic farming in modern agriculture.
16. Find out any two modern techniques used to improve crop yield in India and write about them.

PHYSICS

Q1. What is the difference between note and tone?

Q2. Full form of SONAR is:

Q3. When we change feeble sound to loud sound we increase its

Q4. Sound produced by a thunderstorm is heard 10 s after the lightning is seen. Calculate the approximate distance of the thunder cloud. (Given speed of sound = 340 m/s.)

Q5. Draw a curve showing density or pressure variations with respect to distance for a disturbance produced by sound. Mark the following

 i) Amplitude of the wave

 ii) What is the frequency of the wave drawn by you.

 iii) compression and iv) rarefaction on this curve.

Q6. What is the wavelength in the given curve (in terms of A,B,C,D,E)

Distance (d) ⟶
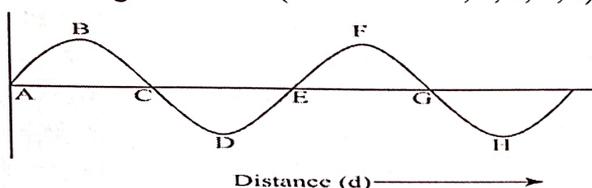
Q7. What is relation between time period and frequency?

Q8. Name the principle on which a stethoscope works. Draw a diagram only to explain its working.

Q9. For hearing the loudest ticking sound heard by the ear, find the angle r in the figure.
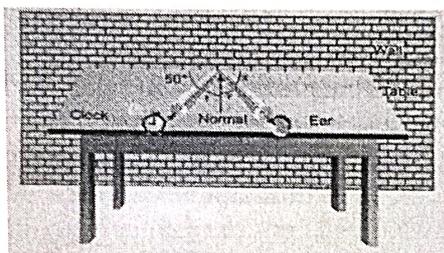
CHEMISTRY

Q1. Draw a neat and labelled diagram of the Bohr model of a sodium atom.

 i) Show correct number of electrons in each shell.

 ii) Mention its atomic number and mass number.

Q2 A sample of calcium carbonate is heated strongly.

 a) Identify the products formed.

 b) Apply the law of conservation of mass to justify the reaction.

Q3. Given below is a diagram showing a chemical reaction in a closed container.

 i) Label the reactants and products.

 ii) State the law of chemistry illustrated by this diagram.

 Q4. During a chemical reaction, the mass of reactants is 50 g and the mass of products obtained is 49.5 g. Analyze possible reasons for this difference.

Reaction goes to completion because CO_2 escapes.

$CaCO_3$ is heated CO_2 forms and escapes   CaO

$CaCO_3(s)$ in open container $CaO(s) + CO_2(g)$
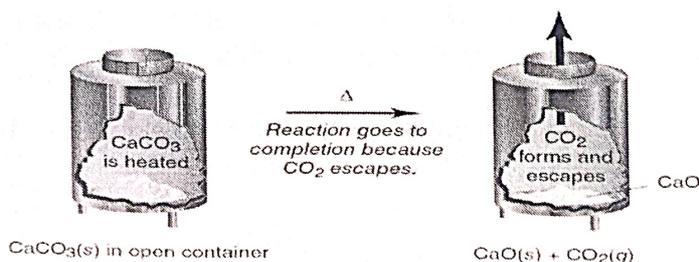
Q5. A student burns magnesium ribbon in an open container and records the mass before and after burning. Predict and justify the change in mass observed before and after reaction.

Q6. You are given two substances: iron filings and sulphur powder. How will you differentiate between a mixture and a compound formed from them based on their properties?

Q7. Consider the structure of the atom and answer the following questions.
 i How the discovery of subatomic particles changed modern science
 ii Role of atoms and molecules in medicines
 iii Application of mole concept in chemical industries
 iv Why noble gases are chemically inactive

Q9. Write a short poem or rap on atoms or molecules.

SOCIAL SCIENCE

POLITICAL SCIENCE

1. Which of the following situations best reflects the meaning of 'electoral competition'?
(a) Only one party contests elections
(b) Voters choose between different candidates
(c) Elections are held every year
(d) Candidates are selected by the President

2. A system where people elect their representatives is known as:
(a) Monarchy
(b) Dictatorship
(c) Democracy
(d) Oligarchy

3. Which body conducts elections in India?
(a) Parliament
(b) Supreme Court
(c) Election Commission
(d) Cabinet

4. Why are elections necessary in a democracy?
(a) To appoint judges
(b) To select civil servants
(c) To ensure people's participation
(d) To control media

5. Universal adult franchise means:
(a) Only educated people can vote
(b) Only men can vote
(c) Every adult has the right to vote
(d) Only taxpayers can vote

6. Which of the following is a challenge of elections?
(a) Regularity
(b) Fairness
(c) Corruption and misuse of power
(d) Transparency

7. What does 'one person, one vote, one value' imply?
(a) Equal education
(b) Equal income
(c) Equal political rights
(d) Equal jobs

8. Which level of government makes laws for the entire country?
(a) State Government
(b) Local Government
(c) Central Government
(d) District Administration

9. The Lok Sabha represents:
(a) States
(b) Judiciary
(c) People of India
(d) Political parties

10. Which institution interprets the Constitution?
(a) Executive
(b) Legislature
(c) Judiciary
(d) Election Commission

11. What is a coalition government?
(a) Government by one party
(b) Government by military
(c) Government formed by multiple parties
(d) Government without elections

12. Which of the following is an example of separation of powers?
(a) One body making all decisions
(b) Legislature controlling judiciary
(c) Independent functioning of organs
(d) Media controlling government

13. Fundamental Rights are protected by:
(a) Legislature
(b) Executive
(c) Judiciary
(d) Media

14. Which right allows citizens to move court if rights are violated?
(a) Right to Equality
(b) Right to Freedom
(c) Right to Constitutional Remedies
(d) Cultural Rights

15. Child labour is prohibited under:
(a) Right to Equality
(b) Right against Exploitation
(c) Right to Religion
(d) Cultural Rights

16. Democracy enhances dignity of citizens by:
(a) Giving political power
(b) Giving wealth
(c) Giving authority to officials
(d) Giving punishment
 (d) Media

17. Independent judiciary is important to:
(a) Make laws
(b) Conduct elections
(c) Protect rights
(d) Run government

18. Elections help in:
(a) Ending conflicts
(b) Forming a representative government
(c) Appointing judges
(d) Framing constitution
19. Why is rule of law important?
(a) It favors powerful people
(b) It ensures equality before law
(c) It supports dictatorship
(d) It limits rights
20. A democratic government is accountable to:
(a) Army
(b) Judiciary
(c) People
(d) Media
21. The President of India is elected by:
(a) Direct election
(b) People
(c) Electoral college
(d) Supreme Court
22. The main role of opposition party is to:
(a) Support government always
(b) Criticize and check government
(c) Frame constitution
(d) Conduct elections
23. Democracy allows peaceful change of government through:
(a) Revolutions
(b) Elections
(c) Judiciary
(d) Media
24. Fundamental Rights are mentioned in which part of the Constitution?
(a) Preamble
(b) Part III
(c) Part IV
(d) Schedules

Directions: Each question has two statements – Assertion (A) and Reason (R).Choose the correct option:
a) Both A and R are true and R is the correct explanation of A.
b) Both A and R are true but R is not the correct explanation of A.
c) A is true but R is false.
d) A is false but R is true.
25. Assertion (A): Elections are necessary for the functioning of a democracy.
Reason (R): Elections give citizens a chance to choose their representatives.
26. Assertion (A): Universal adult franchise promotes political equality.
Reason (R): Every adult citizen has the right to vote regardless of status.
27. Assertion (A): Regular elections ensure accountability of the government.
Reason (R): Representatives fear losing power if they do not work for people.
28. Assertion (A): India follows a multi-party system.
Reason (R): Several political parties contest elections at various levels.
29. Assertion (A): Independent Election Commission is essential for free elections.
Reason (R): It conducts elections without government interference.
30. Assertion (A): The Prime Minister is the real executive head of India.
Reason (R): The Prime Minister leads the Council of Ministers.
31. Assertion (A): Separation of powers prevents misuse of authority.
Reason (R): Different organs of government check each other's power.

HISTORY

One-Page Visual Timeline
Choose one chapter and create a simple timeline in your fair notebook:
*French Revolution
*Russian Revolution
*Nazism and the rise of Hitler
☐ Add:
5–6 major events
Small drawings / symbol along with short captions (1 line each)

ECONOMICS

Household Food Consumption Pie Chart
Activity:
1. Conduct a **survey of 3–4 households** in your area about the proportion of expenditure on different food items (Cereals, Pulses, Vegetables, Milk, Sugar, Oils, etc.).
2. Prepare a **pie chart** showing the distribution of food expenditure using MS Excel

Questions to Answer:
- Which food item has the highest share in household consumption?
- What does this indicate about nutritional habits?
- Carry out the entire activity and record it in your fair notebook.

GEOGRAPHY

Prepare a **table comparing two types of vegetation** in India (e.g., Tropical Evergreen vs Tropical Deciduous).

Feature	Tropical Evergreen Forests	Tropical Deciduous Forests
1. Location		
2. Rainfall requirement		
3. Common trees/plants		
4. Economic importance		
5. Uses by local population		

Tasks to do after preparing the above the comparative table :

1. Take a **blank map of India**. Mark and label Tropical Evergreen forest and Deciduous types of natural vegetation:
2. How do climatic conditions affect the type of vegetation?

Evaluation Criteria for History, Economics and Geography (5 Marks)

- **Understanding & Analysis** – 2 Marks
- **Application / Creativity** – 2 Marks
- **Presentation / Clarity** – 1 Marks

Information Technology

Q1. (Libre Office Writer)
Create a one-page document on the topic "Digital India". Format the text using a suitable heading style, apply paragraph alignment, insert a table with at least 3 rows and 2 columns, and save the file with an appropriate name.

Q2. (Libre Office Calc)
Create a spreadsheet to record monthly expenses. Enter data for at least 5 items, use formulas to calculate the total expense, apply cell formatting, and save the file properly

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