

BRAIN INTERNATIONAL SCHOOL

SUBJECT: IP

CLASS-XII Assignment

November-2024

Unit-2 Database Query using SQL

Q1. Consider the table TEACHER given below. Write commands in SQL for (i) to (iii)

TEACHER						
ID	Name	Department	Hiredate	Category	Gender	Salary
1	Taniya	SocialStudies	03/17/1994	TGT	F	25000
2	Abhishek	Art	02/12/1990	PRT	M	20000
3	Sanjana	English	05/16/1980	PGT	F	30000
4	Vishnu	English	10/16/1989	TGT	M	25000
5	Aman	Hindi	08/1/1990	PRT	F	22000
6	Pritam	Math	03/17/1980	PRT	F	21000
7	RajKumar	Science	09/2/1994	TGT	M	27000
8	Sital	Maths	11/17/1980	TGT	F	24500

- (a) To display all information about teachers of Female PGT Teachers.
- (b) To list names, departments and date of hiring of all the teachers in descending order of date of joining.
- (c) To count the number of teachers and sum of their salary department category wise.
- (d) To list names, Departments with salary in ascending order.
- (e) To list names, category with Hiredate in decending order.

Q2. Shewani has recently started working in MySQL. Help her in understanding the difference between the following :

Where and having clause

Count(column_name) and count(*)

Q3.

On the basis of following table answer the given questions:

Table: **CUSTOMER_DETAILS**

CUSTID	CUSTNAME	ACCT_TYPE	ACCUMLT_AMT	DOJ	GENDER
CNR_001	Manoj	Saving	101250	1992-02-19	M
CNR_002	Rahul	Current	132250	1998-01-11	M
CNR_004	Steve	Saving	18200	1998-02-21	M
CNR_005	Manpreet	Current	NULL	1994-02-19	M

- (i) Write the sql query to delete the record of customer Manpreet.
- (ii) What will be the output of the following query :
Select max(DOJ) From Customer_Details;
- (iii) Write the sql query to delete the row from the table where customer has no accumulated amount.

Q4. Write commands in SQL for (i) to (iii) and output for (iv) and (v).

Table : Store

StoreId	Name	Location	City	NoOfEmp	DateOpen	SalesAmt
S101	Planet Fashion	Bandra	Mumbai	7	2015-10-16	40000
S102	Vogue	Karol Bagh	Delhi	8	2015-07-14	120000
S103	Trends	Powai	Mumbai	10	2015-06-24	30000
S104	Super Fashion	Thane	Mumbai	11	2015-02-06	45000
S105	Annabelle	South Extn.	Delhi	8	2015-04-09	60000
S106	Rage	Defence Colony	Delhi	5	2015-03-01	20000

- (i) To display names of stores along with Sales Amount of those stores that are located in Mumbai.
- (ii) To display the details of store in alphabetical order of name.
- (iii) To display the City and the number of stores located in that City, only if number of stores is more than 2.
- (iv) SELECT MIN(DATEOPEN) FROM STORE;
- (v) SELECT COUNT(STOREID), NOOFEMP FROM STORE GROUP BY NO OF EMP HAVING MAX(SALESAMT) < 60000;

Q5. Find the result of the following :

1. select round (23.298,-1);
2. Select round(36567.78,-4);
3. select round(15.193,-1);
4. Select round(576567.78,-5);
5. Select round (1.298,0);
6. Select round (-5.898,0);
7. Select mid("string function",8,3);
8. Select instr("informatics","mat");
9. Select left("information",6)
10. Select Lcase("COMPUTER");