

Doon Public School

A Senior Secondary School
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Assignment– 2

Subject: Computer Science

Class: XI

Date: 23 -05-2018

INSTRUCTIONS:

- Do the given assignment in your assignment note book.

Q1. Write SQL command to view the structure of EMP table.

Q2. A table 'Customers' in a database has 5 columns and no rows in it. What is its cardinality ? What will be its cardinality if 4 rows are added in the table?

Q3. Sarthya, a student of class XI, created a table "RESULT". Grade is one of the columns of this table. To find the details of students whose Grade have not been entered, he wrote the following MySql query, which did not give the desired result :

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SELECT * FROM result WHERE grade = NULL;
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Q4. What is the purpose of DROP TABLE command in MySQL? How is it different from DELETE command?

Q5. Saumya had previously created a table named 'Product' in a database using MySQL. Later on She forgot the table structure. Suggest to her the suitable MySQL command through which she can check the structure of the already created table.

Q6. A table "customer" in a database has 5 columns and no row in it. What is its cardinality? What will be its cardinality if 4 rows are added in the table.

Q7. Consider the table Projects given below. Write commands in SQL for (i) to (iv) and output for (v) to (viii)

Table : Project

ID	ProjName	ProjSize	StartDate	EndDate	Cost
1	Payroll-MM	Medium	2006-03-17	2006-09-16	60000
2	Payroll-ITC	Large	2008-02-12	2008-01-11	500000
3	IDMgmt-LITE	Large	2008-06-13	2009-05-21	300000
4	Recruit-LITE	Medium	2008-03-18	2008-06-01	50000
5	IDMgmt-MTC	Small	2007-01-15	2007-01-29	20000
6	Recruit-ITC	Medium	2007-03-01	2007-06-28	50000

(i) To display all information about projects of Medium ProjSize.

(ii) To list the Projsize of projects whose ProjSize ends with LITE.

(iii) To list ID, Name, and cost of all the projects in descending order of StartDate.

(iv) To count the number of Projects of cost less than 100000.

(v) SELECT ProjName FROM Projects WHERE Cost NOT BETWEEN 50000 AND 60000;

(vi) SELECT Distinct(ProjSize) FROM Projects;

(vii) SELECT * FROM Projects WHERE Cost < 100000 ;