SQL Exercise 1

1. Create the table SEMP with the following structure:- EMPNO CHAR(4)

EMPNAME CHAR(20)

BASIC FLOAT

DEPTNO CHAR(2) DEPTHEAD CHAR(4)

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1. Create the table SDEPT with the following structure:- DEPTNO CHAR(2)

DEPTNAME CHAR(15)

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1. Insert into the SDEPT table the following values:- 10, Development

20, Training

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1. Insert into the SEMP table the following values:- 0001, SUNIL, 6000, 10

0002, HIREN, 8000, 20

0003, ALI, 4000, 10, 0001

0004, GEORGE, 6000, 0002

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Create S, P, J, SPJ tables as specified below and insert a few rows in each table:-

|  |  |  |
| --- | --- | --- |
| SUPPLIER  (S#, Sname, Status, City) | - | S |
| PARTS  (P#, Pname, Color, Weight, City) | - | P |
| PROJECTS  (J#, Jname, City) | - | J |
| SUPPLIER-PARTS-PROJECT  (S#, P#, J#, Qty) | - | SPJ |

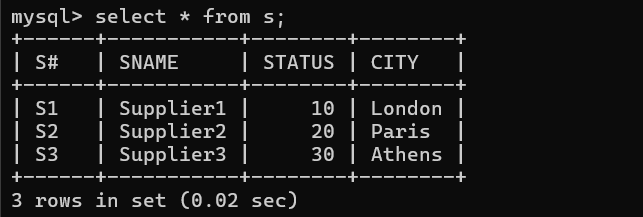
Sample data for S# column:- ‘S1’, ‘S2’, ‘S3’, etc. Sample data for P# column:- ‘P1’, ‘P2’, ‘P3’, etc. Sample data for J# column:- ‘J1’, ‘J2’, ‘J3’, etc. Sample data for Status column:- 10, 20, 30, etc.  
  
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Write the SELECT queries to do the following:-

1. Display all the data from the S table.



1. Display only the S# and SNAME fields from the S table.

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1. Display the PNAME and COLOR from the P table for the CITY=”London”.

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1. Display all the Suppliers from London.

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1. Display all the Suppliers from Paris or Athens.

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1. Display all the Projects in Athens.

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1. Display all the Partnames with the weight between 12 and 14 (inclusive of both).

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1. Display all the Suppliers with a Status greater than or equal to 20.

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1. Display all the Suppliers except the Suppliers from London.

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1. Display only the Cities from where the Suppliers come from.

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1. Assuming that the Part Weight is in GRAMS, display the same in MILLIGRAMS and KILOGRAMS.

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