

SQL Internal Assignment

Answer the following questions and email me the scanned answers by June 5 to sandip1997.cse@gmail.com . Mention your name at the top of the answer script.

1) Database table by name Loan_Records is given below.

Borrower	Bank Manager	Amount
Ramesh	Sundarajan	10000.00
Suresh	Ramgopal	5000.00
Mahesh	Sundarajan	7000.00

What is the output of the following SQL query?

```
SELECT Count(*)
```

```
FROM ( ( SELECT Borrower, Bank_Manager FROM Loan_Records) AS S
```

```
INNER JOIN ( SELECT Bank_Manager, Loan_Amount FROM
```

```
Loan_Records) AS T );
```

Need to show the resultant table by mentioning all the fields as well as the records.

2) Database table by name Student is given below:

Name	Percentage of Marks	Rank	Email_Id
Sindhu	95.33	966	abc@gmail.com
Soumya	73.52	2655	def@yahoo.com
Ravi	85.00	1856	xyz@hotmail.com

- I. Retrieve the details of all students whose name contains 'a'.
- II. Display the name of the students who secured 4 digit rank.
- III. Retrieve the details of all students whose email is not in Gmail.

3) Given a relation Employee (ID, Name, Age, Salary, Department_No)

- I. Display the name of employees whose age is less than the maximum age.
- II. Count the number of employees whose Age is above 45 and work for more than one Department.
- III. Display the Department-wise maximum salaries.