

TASK:

1.CREATE TABLE NAME : STUDENT AND EXAM

STUDENT TABLE

id	name	branch
1	jay	computer science
2	suhani	electronic and commerce
3	kriti	electronic and commerce

EXAM TABLE

id	s_code	marks	P_code
1	CS11	50	CS
2	CS12	60	CS
3	EC101	66	EC
4	EC102	70	EC
5	EC101	45	EC
6	EC102	50	EC

2.CREATE TABLE GIVEN BELOW:

firstname	lastname	address	city	age
Mickey	Mouse	123Fantasy way	Anaheim	73
Bat	Man	321 Cavernave	Gotham	54
Wonder	Woman	987 Truth Way	Paradise	39
Donald	Duck	555 Quack street	Mallard	65
Bugs	Bunny	567 Carrot street	Rascal	58
Wiley	Coyote	999 Acme way	Canyon	61
Cat	woman	234 perfect street	hairball	32
Tweety	bird	543	itotlaw	28

3. CREATE TABLE GIVEN BELOW : EMPLOYEE AND INCENTIVE

TABLE NAME : EMPLOYEE

id	FIRST_NAME	LAST_NAME	salary	joining_date	department
1	john	abhram	1000000	2013-01-01 10:35:38	Banking
2	Michael	clarke	800000	2013-01-01 10:35:38	Insurance
3	Roy	Thomas	700000	2013-02-01 10:40:43	Banking
4	Tom	Jose	600000	2013-02-01 10:40:43	Insurance
5	Jerry	Pinto	650000	2013-02-01 10:43:39	Insurance
6	Philip	Mathew	750000	2013-01-01 10:43:39	Services
7	Testname 1	123	650000	2013-01-01 10:46:39	Services
8	Testname2	lastname	600000	2013-02-01 10:46:39	Insurance

TABLE NAME : INCENTIVE

id	employee_ref_id	incentive_date	incentive_amount
1	1	2013-02-01 10:46:18	5000
2	2	2013-02-01 10:46:18	3000
3	3	2013-02-01 10:48:32	4000
4	1	2013-01-01 10:48:32	4500
5	2	2013-01-01 10:50:08	3500

Q-3 a) Get First_Name from employee table using Tom name "Employee Name".

id	FIRST_NAME	LAST_NAME	salary	joining_date	department
4	Tom	Jose	600000	2013-02-01 10:40:43	Insurance

Q-3 b) Get FIRST_NAME, Joining Date, and Salary from employee table.

FIRST_NAME	joining_date	salary
john	2013-01-01 10:35:38	1000000
Michael	2013-01-01 10:35:38	800000
Roy	2013-02-01 10:40:43	700000
Tom	2013-02-01 10:40:43	600000
Jerry	2013-02-01 10:43:39	650000
Philip	2013-01-01 10:43:39	750000
Testname 1	2013-01-01 10:46:39	650000
Testname2	2013-02-01 10:46:39	600000

Q-3 c) Get all employee details from the employee table order by First_Name Ascending and Salary descending?

First_Name Asc

Salary Desc

id	FIRST_NAME ▲ 1	id	FIRST_NAME	LAST_NAME	salary ▼ 1
5	Jerry	1	john	abhram	1000000
1	john	2	Michael	clarke	800000
2	Michael	6	Philip	Mathew	750000
6	Philip	3	Roy	Thomas	700000
3	Roy	5	Jerry	Pinto	650000
7	Testname 1	7	Testname 1	123	650000
8	Testname2	4	Tom	Jose	600000
4	Tom	8	Testname2	lastname	600000

d) Get employee details from employee table whose first name contains 'J'.

id	FIRST_NAME	LAST_NAME	salary	joining_date	department
1	John	abhram	1000000	2022-12-17 10:14:30	Banking
5	Jerry	Pinto	650000	2013-02-01 10:43:39	Insurance

e) Get department wise maximum salary from employee table order by salary ascending?

department	MAX(salary)
Banking	1000000
Insurance	800000
Services	750000

f) Select first_name, incentive amount from employee and incentives table for those employees who have incentives and incentive amount greater than 3000

FIRST_NAME	INCENTIVE_AMOUNT
John	5000
Roy	4000
John	4500
Michael	3500

g) Create After Insert trigger on Employee table which insert records in view table

VIEW TABLE

id	FIRST_NAME	LAST_NAME	salary	joining_date	department
1	john	abhram	1000000	2013-12-01 11:16:42	Banking
10	vivek	patel	50000	2022-12-17 19:06:00	Banking

4. Create table given below: Salesperson and Customer

TABLE 1:-

TABLE NAME: SALESPERSON

id	SNO	SNAME	CITY	COMM
1	1001	Peel	London	0.12
2	1002	Serres	San jose	0.13
3	1004	Motika	London	0.11
4	1007	Rafkin	Barcelona	0.15
5	1003	Axelrod	New york	0.1

TABLE 2 :-

TABLE NAME: CUSTOMER

id	CNM	CNAME	CITY	RATING	SNO
1	201	Hoffman	London	100	1001
2	202	Giovanne	Roe	200	1003
3	203	Liu	San jose	300	1002
4	204	Grass	Barcelona	100	1002
5	206	Clemens	London	300	1007
6	207	Pereira	Roe	100	1004

Retrieve the below data from above table

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0493 seconds.)

```
CREATE TABLE ORDER_table( id int PRIMARY KEY AUTO_INCREMENT, ONO int NOT NULL, Amt float NOT NULL, Odate timestamp, CNM int NOT NULL, SNO int NOT NULL );
```

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INSERT INTO ORDER_table

```
INSERT INTO `order_table` (`id`, `ONO`, `Amt`, `Odate`, `CNM`, `SNO`) VALUES (NULL, '301', '18.69', '2022-12-17 11:00:14', '208', '1007'), (NULL, '303', '767.19', '2022-12-17 11:00:14', '201', '1001'), (NULL, '302', '1900.1', '2022-12-17 11:00:14', '207', '1004'), (NULL, '305', '5160.45', '2022-12-17 11:00:14', '203', '1002'), (NULL, '306', '1098.16', '2022-12-17 11:00:14', '208', '1007'), (NULL, '309', '1713.23', '2022-12-17 11:00:14', '202', '1003'), (NULL, '307', '75.75', '2022-12-17 11:00:14', '204', '1002'), (NULL, '308', '4723.00', '2022-12-17 11:00:14', '206', '1001'), (NULL, '310', '1309.95', '2022-12-17 11:00:14', '204', '1002'), (NULL, '311', '9591.88', '2022-12-17 11:00:14', '206', '1001');
```

[Edit inline](#) [\[Edit \]](#) [\[Create PHP code \]](#)

ONO	Amt	Odate	CNM	SNO
301	18.69	2022-12-17 11:00:14	208	1007
303	767.19	2022-12-17 11:00:14	201	1001
302	1900.1	2022-12-17 11:00:14	207	1004
305	5160.45	2022-12-17 11:00:14	203	1002
306	1098.16	2022-12-17 11:00:14	208	1007
309	1713.23	2022-12-17 11:00:14	202	1003
307	75.75	2022-12-17 11:00:14	204	1002
308	4723	2022-12-17 11:00:14	206	1001
310	1309.95	2022-12-17 11:00:14	204	1002
311	9591.88	2022-12-17 11:00:14	206	1001

4 a) All orders for more than \$1000.

ONO	Amt	Odate	CNM	SNO
302	1900.1	2022-12-17 11:00:14	207	1004
305	5160.45	2022-12-17 11:00:14	203	1002
306	1098.16	2022-12-17 11:00:14	208	1007
309	1713.23	2022-12-17 11:00:14	202	1003
308	4723	2022-12-17 11:00:14	206	1001
310	1309.95	2022-12-17 11:00:14	204	1002
311	9591.88	2022-12-17 11:00:14	206	1001

4 b) b) Names and cities of all salespeople in London with commission above 0.12

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0377 seconds.)

```
SELECT SNAME,CITY FROM salesperson WHERE COMM >0.12 AND CITY = 'LONDON';
```

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4 C) All salespeople either in Barcelona or in London

SNAME	CITY
Peel	London
Motika	London
Rafkin	Barcelona

4 D) All salespeople with commission between 0.10 and 0.12

✓ Showing rows 0 - 2 (3 total, Query took 0.0403 seconds.)

```
SELECT SNAME, COMM FROM salesperson WHERE COMM >0.10 AND COMM <0.12;
```

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SNAME	COMM
Peel	0.12
Motika	0.11
Axelrod	0.1

4 E) All customers excluding those with rating <= 100 unless they are located in Rome

✓ Showing rows 0 - 3 (4 total, Query took 0.0119 seconds.)

```
SELECT CNAME FROM customer WHERE RATING <=100 OR CITY='ROE';
```

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CNAME
Hoffman
Giovanne
Grass
Pereira