

1. Create the following table with the given data as follows.

```
mysql> select * from emptable;
```

```
+-----+-----+-----+-----+-----+-----+-----+-----+
| empid | acno  | ename | sal  | bankname | branch | yearifjoin | pastexp | address |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 1001 | 123456 | pary  | 25000 | sbi      | mangalore | 2020 | 3 | mangalore |
| 1002 | 234567 | nayan | 28500 | bob      | udpi      | 2021 | 2 | mangalore |
| 1003 | 345678 | Alen  | 24500 | ubi      | bangalore | 2022 | 1 | mangalore |
| 1004 | 456789 | Mouni | 36000 | kmb      | ujre      | 2020 | 3 | nitte     |
| 1005 | 654321 | Siddu | 32500 | sbi      | mangalore | 2021 | 4 | nitte     |
| 1006 | 765432 | Nikkam | 25000 | kmb      | mangalore | 2023 | 0 | udpi      |
| 1007 | 876543 | Komal | 24000 | icici    | udpi      | 2023 | 2 | udpi      |
| 1008 | 987654 | John  | 31000 | hdfc     | mangalore | 2024 | 1 | ujre      |
| 1009 | 129038 | Enry  | 29000 | boi      | udpi      | 2020 | 3 | ujre      |
| 1010 | 123890 | Lilly | 28000 | hdfc     | ujre      | 2021 | 2 | nitte     |
| 1011 | 890321 | Peeter | 36000 | icici    | mangalore | 2022 | 0 | mangalore |
| 1012 | 789012 | Bhuvi | 34000 | sbi      | mangalore | 2023 | 5 | udpi      |
| 1013 | 123490 | Daniel | 30000 | ubi      | ujre      | 2023 | 2 | ujre      |
| 1014 | 102938 | Umank | 22500 | icici    | udpi      | 2024 | 1 | nitte     |
| 1015 | 756234 | Sandy | 38900 | kmb      | udpi      | 2019 | 2 | mangalore |
+-----+-----+-----+-----+-----+-----+-----+-----+
15 rows in set (0.00 sec)
```

2. Write a query to display all the records from the table.

```
mysql> select * from emptable;
```

3. Write a query to display all the records from the table, whose branch and address both are the same.

```
mysql> select * from emptable where branch=address;
```

```
+-----+-----+-----+-----+-----+-----+-----+-----+
| empid | acno  | ename | sal  | bankname | branch | yearifjoin | pastexp | address |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 1001 | 123456 | pary  | 25000 | sbi      | mangalore | 2020 | 3 | mangalore |
| 1007 | 876543 | Komal | 24000 | icici    | udpi      | 2023 | 2 | udpi      |
| 1011 | 890321 | Peeter | 36000 | icici    | mangalore | 2022 | 0 | mangalore |
| 1013 | 123490 | Daniel | 30000 | ubi      | ujre      | 2023 | 2 | ujre      |
+-----+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

4. Write a query to display employee acno, ename, bankname, and branch details whose salary is more than 30000.

```
mysql> select acno,ename,bankname,branch from emptable where sal>30000;
```

```
+-----+-----+-----+-----+
| acno  | ename | bankname | branch |
+-----+-----+-----+-----+
| 456789 | Mouni | kmb      | ujre    |
| 654321 | Siddu | sbi      | mangalore |
```

987654	John	hdfc	mangalore
890321	Peeter	icici	mangalore
789012	Bhuvi	sbi	mangalore
756234	Sandy	kmb	udpi

6 rows in set (0.00 sec)

- Write a query to display employee records who are earning less than 25000.

```
mysql> select * from emptable where sal<25000;
```

empid	acno	ename	sal	bankname	branch	yearifjoin	pastexp	address
1003	345678	Alen	24500	ubi	bangalore	2022	1	mangalore
1007	876543	Komal	24000	icici	udpi	2023	2	udpi
1014	102938	Umank	22500	icici	udpi	2024	1	nitte

3 rows in set (0.00 sec)

- Write a query to display the employee record of who is earning the highest salary.

```
mysql> select * from emptable where sal=(select max(sal) from emptable);
```

empid	acno	ename	sal	bankname	branch	yearifjoin	pastexp	address
1015	756234	Sandy	38900	kmb	udpi	2019	2	mangalore

1 row in set (0.04 sec)

- Write a query to display the employee name who is earning less salary.

```
mysql> select ename from emptable where sal=(select min(sal) from emptable);
```

ename
Umank

1 row in set (0.00 sec)

- Write a query to the employee ename, acno, and bankname who are earning in between 25000 and 32000 (both are included).

```
mysql> select ename,acno,bankname from emptable where 25000<=sal<=32000;
```

ename	acno	bankname
pary	123456	sbi
nayan	234567	bob
Alen	345678	ubi
Mouni	456789	kmb
Siddu	654321	sbi
Nikkam	765432	kmb

Komal	876543	icici	
John	987654	hdfc	
Enry	129038	boi	
Lilly	123890	hdfc	
Peeter	890321	icici	
Bhuvi	789012	sbi	
Daniel	123490	ubi	
Umark	102938	icici	
Sandy	756234	kmb	

+-----+-----+-----+

15 rows in set (0.00 sec)

9. Write a query to display eid, ename, sal, acno who have an account in SBI bank.

```
mysql> select empid,ename,sal,acno from emptable where bankname='sbi';
```

empid	ename	sal	acno
1001	pary	25000	123456
1005	Siddu	32500	654321
1012	Bhuvi	34000	789012

+-----+-----+-----+

3 rows in set (0.00 sec)

10. Write a query to display eid, ename, sal, acno who have an account in ICICI bank and from udiipi branch.

```
mysql> select empid,ename,sal,acno from emptable where bankname='icici' and branch='udipi';
```

empid	ename	sal	acno
1007	Komal	24000	876543
1014	Umark	22500	102938

+-----+-----+-----+

2 rows in set (0.00 sec)

11. Write a query to display eid, ename, sal, acno who have joined before 2023(2023 is excluded).

```
mysql> select empid,ename,sal,acno from emptable where yearifjoin<2023;
```

empid	ename	sal	acno
1001	pary	25000	123456
1002	nayan	28500	234567
1003	Alen	24500	345678
1004	Mouni	36000	456789
1005	Siddu	32500	654321
1009	Enry	29000	129038
1010	Lilly	28000	123890

1011	Peeter	36000	890321
1015	Sandy	38900	756234

9 rows in set (0.00 sec)

12. Write a query to display eid, ename, sal, acno, bankname and branch who have an account in SBI bank and joined after 2022.

```
mysql> select empid,ename,sal,acno,bankname,branch from emptable where bankname='sbi' and yearifjoin>=2022;
```

empid	ename	sal	acno	bankname	branch
1012	Bhuvi	34000	789012	sbi	mangalore

1 row in set (0.00 sec)

13. Write a query to display eid, ename, sal, acno, address who have joined early from mangalore.

```
mysql> select empid,ename,sal,acno,address from emptable where yearifjoin=(select min(yearifjoin) from emptable where address='mangalore');
```

empid	ename	sal	acno	address
1015	Sandy	38900	756234	mangalore

1 row in set (0.04 sec)

14. Write a query to display eid, ename, sal, acno who have an account in SBI bank and whose name starts with 'p'.

```
mysql> select empid,ename,sal,acno from emptable where bankname='sbi' and ename like 'P%';
```

empid	ename	sal	acno
1001	pary	25000	123456

1 row in set (0.00 sec)

15. Write a query to display the number of employees having the same salary and that salary from the table.

```
mysql> select sal,count(*) as num_employees from emptable group by sal having count(*)>1 order by sal desc;
```

sal	num_employees
36000	2
25000	2

2 rows in set (0.00 sec)