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

Table in the assignment

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

```
mysql> select * from empl;
+-------+--------+--------+-------+----------+-----------+------------+---------+-----------+
| empid | acno   | ename  | sal   | bankname | branch    | yearofjoin | pastexp | address   |
+-------+--------+--------+-------+----------+-----------+------------+---------+-----------+
|  1001 | 123456 | Pary   | 25000 | SBI      | mangalore |       2020 |       3 | mangalore |
|  1002 | 234567 | Nayan  | 28500 | BOB      | udipi     |       2021 |       2 | mangalore |
|  1003 | 345678 | Alen   | 24500 | UBI      | bangalore |       2022 |       1 | manga     |
|  1004 | 456789 | Mouni  | 36000 | KMB      | ujre      |       2020 |       3 | nitte     |
|  1005 | 654321 | Siddu  | 32500 | SBI      | mangalore |       2021 |       4 | nitte     |
|  1006 | 765432 | Nikal  | 25000 | KMB      | mangalore |       2023 |       0 | udipi     |
|  1007 | 876543 | Komal  | 24000 | ICICI    | udipi     |       2023 |       2 | udipi     |
|  1008 | 987654 | John   | 31000 | HDFC     | mangalor  |       2024 |       1 | ujre      |
|  1009 | 129038 | Enry   | 29000 | BOI      | udipi     |       2020 |       3 | ujre      |
|  1010 | 123890 | Lilli  | 28000 | HDFC     | ujre      |       2021 |       2 | nitte     |
|  1011 | 890321 | Peeter | 36000 | ICICI    | mangalore |       2022 |       0 | mangalore |
|  1012 | 789012 | Bhuvi  | 34000 | SBI      | mangalore |       2023 |       5 | udipi     |
|  1013 | 123490 | Danial | 30000 | UBI      | ujre      |       2023 |       2 | ujre      |
|  1014 | 102938 | Umank  | 22500 | ICICI    | udipi     |       2024 |       1 | nitte     |
|  1015 | 756234 | Sandy  | 38900 | KMB      | udipi     |       2019 |       2 | mangalore |
+-------+--------+--------+-------+----------+-----------+------------+---------+-----------+
15 rows in set (0.00 sec)
```

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

```
mysql> select * from empl where branch=address;
+-------+--------+--------+-------+----------+-----------+------------+---------+-----------+
| empid | acno   | ename  | sal   | bankname | branch    | yearofjoin | pastexp | address   |
+-------+--------+--------+-------+----------+-----------+------------+---------+-----------+
|  1001 | 123456 | Pary   | 25000 | SBI      | mangalore |       2020 |       3 | mangalore |
|  1007 | 876543 | Komal  | 24000 | ICICI    | udipi     |       2023 |       2 | udipi     |
|  1011 | 890321 | Peeter | 36000 | ICICI    | mangalore |       2022 |       0 | mangalore |
|  1013 | 123490 | Danial | 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 empl where sal>30000;
+--------+--------+----------+-----------+
| acno   | ename  | bankname | branch    |
+--------+--------+----------+-----------+
| 456789 | Mouni  | KMB      | ujre      |
| 654321 | Siddu  | SBI      | mangalore |
| 987654 | John   | HDFC     | mangalor  |
| 890321 | Peeter | ICICI    | mangalore |
| 789012 | Bhuvi  | SBI      | mangalore |
| 756234 | Sandy  | KMB      | udipi     |
+--------+--------+----------+-----------+
6 rows in set (0.00 sec)
```

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

```
mysql> select * from empl where sal<25000;
+-------+--------+-------+-------+----------+-----------+------------+---------+---------+
| empid | acno   | ename | sal   | bankname | branch    | yearofjoin | pastexp | address |
+-------+--------+-------+-------+----------+-----------+------------+---------+---------+
|  1003 | 345678 | Alen  | 24500 | UBI      | bangalore |       2022 |       1 | manga   |
|  1007 | 876543 | Komal | 24000 | ICICI    | udipi     |       2023 |       2 | udipi   |
|  1014 | 102938 | Umank | 22500 | ICICI    | udipi     |       2024 |       1 | nitte   |
+-------+--------+-------+-------+----------+-----------+------------+---------+---------+
3 rows in set (0.00 sec)
```

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

```
mysql> select * from empl order by sal desc limit 0,1;
+-------+--------+-------+-------+----------+--------+------------+---------+-----------+
| empid | acno   | ename | sal   | bankname | branch | yearofjoin | pastexp | address   |
+-------+--------+-------+-------+----------+--------+------------+---------+-----------+
|  1015 | 756234 | Sandy | 38900 | KMB      | udipi  |       2019 |       2 | mangalore |
+-------+--------+-------+-------+----------+--------+------------+---------+-----------+
1 row in set (0.00 sec)
```

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

```
mysql>  select * from empl order by sal asc limit 0,1;
+-------+--------+-------+-------+----------+--------+------------+---------+---------+
| empid | acno   | ename | sal   | bankname | branch | yearofjoin | pastexp | address |
+-------+--------+-------+-------+----------+--------+------------+---------+---------+
|  1014 | 102938 | Umank | 22500 | ICICI    | udipi  |       2024 |       1 | nitte   |
+-------+--------+-------+-------+----------+--------+------------+---------+---------+
1 row in set (0.00 sec)
```

8. 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 empl where sal>=25000 and sal <=32000;
+--------+--------+----------+
| ename  | acno   | bankname |
+--------+--------+----------+
| Pary   | 123456 | SBI      |
| Nayan  | 234567 | BOB      |
| Nikal  | 765432 | KMB      |
| John   | 987654 | HDFC     |
| Enry   | 129038 | BOI      |
| Lilli  | 123890 | HDFC     |
| Danial | 123490 | UBI      |
+--------+--------+----------+
7 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 empl 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 udipi branch.

```
mysql> select empid,ename,sal,acno from empl where bankname='ICICI' and branch='udipi';
+-------+-------+-------+--------+
| empid | ename | sal   | acno   |
+-------+-------+-------+--------+
|  1007 | Komal | 24000 | 876543 |
|  1014 | Umank | 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 empl where yearofjoin<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 | Lilli  | 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 empl where yearofjoin>2022;
+-------+--------+-------+--------+----------+-----------+
| empid | ename  | sal   | acno   | bankname | branch    |
+-------+--------+-------+--------+----------+-----------+
|  1006 | Nikal  | 25000 | 765432 | KMB      | mangalore |
|  1007 | Komal  | 24000 | 876543 | ICICI    | udipi     |
|  1008 | John   | 31000 | 987654 | HDFC     | mangalor  |
|  1012 | Bhuvi  | 34000 | 789012 | SBI      | mangalore |
|  1013 | Danial | 30000 | 123490 | UBI      | ujre      |
|  1014 | Umank  | 22500 | 102938 | ICICI    | udipi     |
+-------+--------+-------+--------+----------+-----------+
6 rows 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 empl where address='mangalore' order by yearofjoin asc limit 0,1;
+-------+-------+-------+--------+-----------+
| empid | ename | sal   | acno   | address   |
+-------+-------+-------+--------+-----------+
|  1015 | Sandy | 38900 | 756234 | mangalore |
+-------+-------+-------+--------+-----------+
1 row in set (0.00 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 empl 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 count(*) as count from empl group by sal;
+-------+
| count |
+-------+
|     2 |
|     1 |
|     1 |
|     2 |
|     1 |
|     1 |
|     1 |
|     1 |
|     1 |
|     1 |
|     1 |
|     1 |
|     1 |
+-------+
13 rows in set (0.00 sec)
```