1.

**mysql> select count(empname) from employee\_details;**

**+----------------+**

**| count(empname) |**

**+----------------+**

**| 9 |**

**+----------------+**

**1 row in set (0.00 sec)**

**2.**

**ysql> select sum(totalsalary) from employee\_details;**

**+------------------+**

**| sum(totalsalary) |**

**+------------------+**

**| 103802.07 |**

**+------------------+**

**1 row in set (0.00 sec)**

**3.**

**mysql> select min(hiredate) from employee\_details;**

**+---------------+**

**| min(hiredate) |**

**+---------------+**

**| 1980-02-22 |**

**+---------------+**

**1 row in set (0.00 sec)**

**4.**

**mysql> select max(totalsalary) from employee\_details;**

**+------------------+**

**| max(totalsalary) |**

**+------------------+**

**| 25000.23 |**

**+------------------+**

**1 row in set (0.00 sec)**

**5.**

**mysql> select avg(totalsalary) from employee\_details;**

**+------------------+**

**| avg(totalsalary) |**

**+------------------+**

**| 11533.563333 |**

**+------------------+**

**1 row in set (0.00 sec)**

**6.**

**mysql> select max(totalsalary) from employee\_details where designation="clerk";**

**+------------------+**

**| max(totalsalary) |**

**+------------------+**

**| 7000.23 |**

**+------------------+**

**1 row in set (0.00 sec)**

**7.**

**mysql> select max(totalsalary) from employee\_details where department\_no=20;**

**+------------------+**

**| max(totalsalary) |**

**+------------------+**

**| 25000.23 |**

**+------------------+**

**1 row in set (0.00 sec)**

**8.**

**mysql> select min(totalsalary) from employee\_details where designation="salesman";**

**+------------------+**

**| min(totalsalary) |**

**+------------------+**

**| 7000.23 |**

**+------------------+**

**1 row in set (0.00 sec)**

**9.**

**mysql> select avg(totalsalary) from employee\_details where designation="manager";**

**+------------------+**

**| avg(totalsalary) |**

**+------------------+**

**| 25000.230000 |**

**+------------------+**

**1 row in set (0.00 sec)**

**10.**

**mysql> select sum(totalsalary) from employee\_details where designation="analyst";**

**+------------------+**

**| sum(totalsalary) |**

**+------------------+**

**| 6800.23 |**

**+------------------+**

**1 row in set (0.00 sec)**

**11.**

**mysql> select department\_no,count(empname) from employee\_details group by department\_no;**

**+---------------+----------------+**

**| department\_no | count(empname) |**

**+---------------+----------------+**

**| 10 | 3 |**

**| 20 | 2 |**

**| 30 | 4 |**

**+---------------+----------------+**

**3 rows in set (0.00 sec)**

**12.**

**mysql> select designation ,count(empname) from employee\_details group by designation;**

**+---------------+----------------+**

**| designation | count(empname) |**

**+---------------+----------------+**

**| salesman | 1 |**

**| clerk | 2 |**

**| analyst | 1 |**

**| developer | 3 |**

**| web-developer | 1 |**

**| manager | 1 |**

**+---------------+----------------+**

**6 rows in set (0.08 sec)**

**13.**

**mysql> select department\_no,sum(totalsalary) from employee\_details group by department\_no;**

**+---------------+------------------+**

**| department\_no | sum(totalsalary) |**

**+---------------+------------------+**

**| 10 | 20000.69 |**

**| 20 | 31800.46 |**

**| 30 | 52000.92 |**

**+---------------+------------------+**

**3 rows in set (0.00 sec)**

**14.**

**mysql> select department\_no,max(totalsalary) from employee\_details group by department\_no;**

**+---------------+------------------+**

**| department\_no | max(totalsalary) |**

**+---------------+------------------+**

**| 10 | 7000.23 |**

**| 20 | 25000.23 |**

**| 30 | 21000.23 |**

**+---------------+------------------+**

**3 rows in set (0.00 sec)**

**15.**

**mysql> select designation, sum(totalsalary) from employee\_details group by designation;**

**+---------------+------------------+**

**| designation | sum(totalsalary) |**

**+---------------+------------------+**

**| salesman | 7000.23 |**

**| clerk | 13000.46 |**

**| analyst | 6800.23 |**

**| developer | 42000.69 |**

**| web-developer | 10000.23 |**

**| manager | 25000.23 |**

**+---------------+------------------+**

**6 rows in set (0.00 sec)**

**16.**

**mysql> select designation, min(totalsalary) from employee\_details group by designation;**

**+---------------+------------------+**

**| designation | min(totalsalary) |**

**+---------------+------------------+**

**| salesman | 7000.23 |**

**| clerk | 6000.23 |**

**| analyst | 6800.23 |**

**| developer | 10000.23 |**

**| web-developer | 10000.23 |**

**| manager | 25000.23 |**

**+---------------+------------------+**

**6 rows in set (0.00 sec)**

**17.**