***ASSIGNMENT***

***=================ASSIGNMENT 1===================***

1. *Insert the data into the employee table.*

**insert into employee\_info values**

**(101,'Bala','bala@gmail.com','Software Developer',9789625164,22,'2000-07-27','2019-10-01',35000,10,'B+'),**

**(102,'Krishna','krishna@gmail.com','Software Developer',9789625744,21,'1997-08-20','2019-04-02',30000,10,'O+'),**

**(103,'Karan','karan@gmail.com','Software Developer',9789625478,21,'1997-09-10','2019-08-17',40000,10,'A+'),**

**(104,'Sameer','sameer@gmail.com','HR',9189625784,21,'1997-12-10','2019-01-12',38000,20,'B+'),**

**(105,'Ram','ram@gmail.com','HR',9589625478,21,'1997-09-12','2019-04-27',45000,20,'A+'),**

**(106,'Ganesh','ganesh@gmail.com','HR',978962545,23,'1995-08-20','2018-07-12',50000,20,'O+'),**

**(107,'Raja','raja@gmail.com','Clerk',758962545,22,'1996-08-20','2018-07-12',30000,20,'B+'),**

**(108,'Rajesh','rajesh@gmail.com','Clerk',956962545,24,'1994-09-20','2019-02-02',25000,20,'O-'),**

**(109,'Aastha','aastha@gmail.com','Clerk',978945645,23,'1995-07-21','2018-08-15',27000,20,'A-'),**

**(110,'Rajesh','rajesh@gmail.com','Salesman',7845625478,25,'1993-11-12','2019-03-17',60000,40,'A+'),**

**(111,'Anita','anita@gmail.com','Salesman',915467895,23,'1995-01-21','2018-05-14',50000,40,'B+'),**

**(112,'Harish','harish@gmail.com','Tester',9577425478,22,'1996-08-10','2018-08-17',30000,50,'O-'),**

**(113,'Kajal','kajal@gmail.com','Tester',7878625478,24,'1994-12-02','2017-03-17',50000,50,'A-'),**

**(114,'Anisha','anisha@gmail.com','Analyst',785467895,26,'1993-01-21','2014-04-04',80000,60,'A+'),**

**(115,'Harsha','harsha@gmail.com','Analyst',9480425400,27,'1992-07-10','2015-07-20',75000,60,'O+');**

***=================ASSIGNMENT 2===================***

1. *Write a query to display the employees working in dept 20.*

=>**mysql> select \* from employee\_info where deptId=20;**

1. *Write a query to display the employees earning more than rs 25000.*

=> **mysql> select \* from employee\_info where salary>25000;**

1. *Write a query to display the employees whose job type is software developer.*

*=>****mysql> select \* from employee\_info where designation = 'software developer';***

1. *Write a query to display the employees working in dept 10, 20 & 40.*

=>**mysql> select \* from employee\_info where deptId in (10,20,40);**

1. *Write a query to display the employees whose name starts with ‘s’.*

=>**mysql> select \* from employee\_info where name like 's%';**

1. *Write a query to display the employees whose name having ‘l’ as second character in their name.*

=>**mysql> select \* from employee\_info where name like '\_l%';**

1. *Write a query to display the employees whose name having at least 2 ‘a’ character in their name.*

=>**mysql> select \* from employee\_info where name like '%a%a%';**

1. *Write a query to display the employees whose name having ‘e’ as second last character in their name.*

=> **mysql> select \* from employee\_info where name like '%e\_';**

1. *Write a query to display the employees whose name having exactly 5 characters in their name.*

*=>* ***mysql> select \* from employee\_info where name like '\_\_\_\_\_';***

*10. Write a query to display the employees whose salary is between 20000 and 30000.*

=> **mysql> select \* from employee\_info where salary between 20000 and 30000**

*11. Write a query to display all the details of the software developer in dept 30.*

**=> mysql> select \* from employee\_info where designation = 'software developer' and deptId=30;**

12. *Write a query to display the list for all the software developer in dept number 10 and having salary greater than 25000.*

**=>mysql> select \* from employee\_info where designation = 'software developer' and deptId=10 and salary>25000;**

13. *Write a query to display the list for all the employees except those who are working in dept no.10 &20.*

=>**mysql> select \* from employee\_info where not deptId in (10, 20);**

14. *Write a query to display the list for all the employees who are not working as software developer and clerks in dept 10 and 20 with a salary in the range of 10000 to 30000.*

*=>* **mysql> select \* from employee\_info where designation not in ('software developer','clerk') and deptId in (10,20) and salary between 10000 and 30000;**

*15. Write a query to display the list for all the employees whose salary is not in range of 10000 to 30000 in dept 10,20,30 except all salesman.*

*=>* **mysql> select \* from employee\_info where salary not between 10000 and 30000 and deptId in (10,20,30) and not designation = 'salesman';**

*16. Write a query to display the list for all the employees and arrange the list by their salary in descending order.*

*=>* **mysql> select \* from employee\_info order by salary desc;**

*17.* *Write a query to display min salary, max salary and sum of salary of employee.*

*=>* **mysql> select min(salary),max(salary),sum(salary) from employee\_info;**

*18. Write a query to display the list of the number of software developer in department 20.*

*=>* **mysql> select count(designation = 'software developer') from employee\_info where deptId = 20;**

*19. Write a query to display the list of the highest and lowest salary earned by salesman.*

**=>** **mysql> select min(salary) as lowest\_sal, max(salary) as highest\_sal from employee\_info where designation = 'salesman';**

*20. Write a query to display the total salary of all department.*

**=>** **mysql> select sum(salary) as total\_sal from employee\_info;**