ABHWAV. O 55 LSE Rollm: 5

Question -2

Derent pombose

Senter one rusent

To USE test 2; test 2', destarbase;

> Show tables.

20 O create employee (emp no, emp-name 1000, addies dø, mobile-no, dept-no, salary).

- CREATE TABLE employee Cemp-no ont formany key, not may emp-name vouchas (es) mot mull, Dos data mot mull addiess vantas (50) not mill, doj relate mot mill, not mill, salary int met mill, deft-no list

B crease those department (dep-no int painary key mot mill, dept-name varetsus (25), location Vauchar (25);

In Stept INTO employee (emp-no, emp-name, 2015, addies, del des, mobile-no, dept-no, salary) +aluer (1, 1944-08-29, 1052, 2020-02-03, 78909642.

Unsest engløyce (eng-no, eng-nane, con, addrew doj, mobile-no, degl-no, salary) Values (2, Abhinai), (2000-08-09, Kannui, '2019-05-10', 984693614,102, 30000) "

7 [N SERT UND employee [emp-no, emp-name, 00B, address, dog, mobile_no, dept-no, salary) value (3, Missol, 1098-02-12', 'Aelhe, '2020-04-09', 839383939, 103, 45000), 7 [N SERT UND employe [emp-no, emp-name, bob, address, doj, mobile_no, dept-no, salary) value (4,1998-05-09', Nahe', '2020-08-09', 83083911, 101, 25000);

7 WSERT UND employee (emp-no, emp-name, DOB, addies, doj, mobile no, depi-no, salary) Value (5, rameri, 1997-05-041, Mumbai; 2018-101-011, 63083900, 102,

> UNSERT unso employee (emp_no, emp_name, bob, address, dos, mobile_no, dept_no, salary) value (strand) '1996-12-07', 'Humbai, 12018-11-09', 53083604,103, 2000);

> INSTRT into employee (emp-no, emp-name, 2008, address dog, mobile-no, dept-no, salary) value (7, 'Dythi', '1997-02-02', kerla', '2018-10-02', 6308 8803, 103, 15000);

> (NSCRT UNSO department (dept no algo-name, locateon)
Values (101; education; wayanod);

> INSTERT into department (dept-no, dept-name, location)
Naliu (102, 'sporti', imumbai').

Value (203, 'foursin', (kolkara');

(i) presplay all the second from the above tables.
- SELEUT & PROM employee;
> SELET & FROM department;
Ou Dustay the impto and name of all the employees from
> ALTER TABLE employee -> AUD column Designation Vaucha (25)
> (bdate amplanes a company)
-> set Dengration = "assistant"
> Updettæ employee
-> Set Designation = "Typut" where empino = 2"
> aparle employee
see Designation = " clerk" welves emp m = 3:
> Upidate employee
> Update employee > set Designation = "Manager" where emp-no = 4;
grove engagee
- Set Designation= a Administrator a Where emp-10=5
ogstate office get.
> set Designation = "Co ordenator" notrere emp_no = 6;
> ypdate employee
-> set Designation= "Administrator" refere emp_no=7

7 SELECT & Brom employee. --- ADD a new column Designation so she employee table. > Scleet emp-no from employee; (i) Display emproname designation dept mo > select employee, emp name, designation, dept-no salary from employee order by salacyden.

Display the empion and name at all employees whose salary is between 20000 \$ 40000

> SELECT emp-no, emp-neune from employee where salary

(vi) Display all designation without dipliate values; > serret Distinct designation from employee;

Display the depenant and total salary of employed

> select department, dept_name, result. tos-sal from defaut mest,

Iselect employée, dept-no, sum (employe, salary) sot sal from employée group by dept-no) result where serill-dept no = deparment, dept no;

Up change the mobile no of employee name John -> set mobile - no = (98 55 469 3)

- (VIII) charge the salary ob employee to 25000 whose designation is Typise
 - > Ordate employee set salary = 20000 where designation = "Typise".
 - Delete all employes whose salavies sie equal to x.
 - > Delete prom employee where Galary = 25000;
- (81) Scleet the defautment that has a stal salary faid for its employees more than 20000;
- > Destruction
 - > severt depart ment-dept-name
 - -> dep autment, [select dept-no, stry (salary) salary

 > where poup by dept-no) result

 -> dep autment. dept-no= result. dept-no and

 salary > 20000;

```
MySQL 8.0 Command Line Client - Unicode
Enter password: *****
Welcome to the MySQL monitor. Commands end with ; or \setminus q.
Your MySQL connection id is 30
Server version: 8.0.20 MySQL Community Server - GPL
Copyright (c) 2000, 2020, Oracle and/or its affiliates. All rights reserved.
Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> CREATE DATABASE test2;
Query OK, 1 row affected (0.01 sec)
mysql> use test2;
Database changed
mysql> show tables;
Empty set (0.00 sec)
mysql> CREATE TABLE employee (emp_no int primary key not null,emp_name varchar(25) not null,DOB date not null, address varchar(50) not null, doj date not null
, mobile_no int not null, dept_no int not null, salary int not null);
Query OK, 0 rows affected (0.05 sec)
mysql> CREATE TABLE department (dept_no int primary key not null, dept_name varchar(25), location varchar(25));
Query OK, 0 rows affected (0.40 sec)
mysql> INSERT INTO employee (emp_no,emp_name,DOB, address, doj, mobile_no, dept_no,salary) VALUES (1,'John',1999-08-29,'USA',2020-02-03,789096427,101,10001);
ERROR 1292 (22007): Incorrect date value: '1962' for column 'DOB' at row 1
mysql> INSERT INTO employee (emp_no,emp_name,DOB, address, doj, mobile_no, dept_no,salary) VALUES (1,'John','1999-08-29','USA','2020-02-03',789096427,101,1000
Query OK, 1 row affected (0.01 sec)
mysql> INSERT INTO employee (emp_no,emp_name,DOB, address, doj, mobile_no, dept_no,salary) VALUES (3,'Kishor','1998-02-12','Delhi','2020-07-09',839383939,103,
Query OK, 1 row affected (0.01 sec)
mysql> INSERT INTO employee (emp_no,emp_name,DOB, address, doj, mobile_no, dept_no,salary) VALUES (2,'Abhinav','2000-08-29','kannur','2019-05-10',984693611,1
02,30000);
Query OK, 1 row affected (0.01 sec)
mysql> INSERT INTO employee (emp_no,emp_name,DOB, address, doj, mobile_no, dept_no,salary) VALUES (4,'Aswanth','1998-05-09','MAhe','2020-08-09',83083911,101,2
Query OK, 1 row affected (0.01 sec)
mysgl> INSERT INTO employee (emp_no,emp_name,DOB, address, doj, mobile_no, dept_no,salary) VALUES (5,'ramshi','1997-05-04','Mumbai','2018-01-01,63083900,102,3
    '> INSERT INTO employee (emp_no,emp_name,DOB, address, doj, mobile_no, dept_no,salary) VALUES (5,'ramshi','1997-05-04','Mumbai','2018-01-01,63083900,102,3
5000); \C
                                                                                                                                 Type here to search
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5000): AC
mysql> INSERT INTO employee (emp_no,emp_name,DOB, address, doj, mobile_no, dept_no,salary) VALUES (5,'ramshi','1997-05-04','Mumbai','2018-01-01,63083900,102,3
mysql> INSERT INTO employee (emp_no,emp_name,DOB, address, doj, mobile_no, dept_no,salary) VALUES (5,'ramshi','1997-05-04','Mumbai','2018-01-01',63083900,102,
Query OK, 1 row affected (0.01 sec)
mysql> INSERT INTO employee (emp_no,emp_name,DOB, address, doj, mobile_no, dept_no,salary) VALUES (6,'Pramod','1996-12-07','Mumbai','2018-11-09',53083604,103
Query OK, 1 row affected (0.01 sec)
mysql> INSERT INTO employee (emp_no,emp_name,DOB, address, doj, mobile_no, dept_no,salary) VALUES (7,'Dyuthi','1997-02-02','kerala','2018-10-02',63083603,103,
Query OK, 1 row affected (0.01 sec)
mysql> INSERT INTO department (dept_no, dept_name, location) VALUES (101,'education','wayanad');
Query OK, 1 row affected (0.01 sec)
mysql> INSERT INTO department (dept_no, dept_name, location) VALUES (102,'sports','mumbai');
Query OK, 1 row affected (0.00 sec)
mysql> INSERT INTO department (dept_no, dept_name, location) VALUES (103,'tourism','kolkata');
Query OK, 1 row affected (0.01 sec)
mysql> SELECT *FROM employee;
          emp_name | DOB
                                                          mobile_no | dept_no | salary
                                   address |
                                            doj
 emp_no |
                      1999-08-29
                                             2020-02-03
                                                          789096427
                                                                                  10001
                                   USA
          John
          Abhinav
                      2000-08-29
                                             2019-05-10
                                                          984693611
                                                                          102
                                                                                  30000
                                   kannur
                     1998-02-12
                                                          839383939
                                             2020-07-09
                                                                                  45000
          Kishor
                                   Delhi
                                                                          103
                                   MAhe
          Aswanth
                      1998-05-09
                                             2020-08-09
                                                           83083911
                                                                          101
                                                                                  25000
                      1997-05-04
                                                                                  35000
                                             2018-01-01
                                                           63083900
                                                                          102
          ramshi
                                   Mumbai
                      1996-12-07
                                                                          103
                                                                                  25000
                                             2018-11-09
                                                           53083604
          Pramod
                                   Mumbai
                     1997-02-02
                                             2018-10-02
                                                           63083603
                                                                                  15000
          Dyuthi
                                  kerala
'rows in set (0.00 sec)
mvsql> SELECT *FROM department:
 dept_no
           dept_name
                        location
     101
           education
                        wayanad
                        mumbai
     102
           sports
                        kolkata
           tourism
B rows in set (0.00 sec)
                                                               x<sup>8</sup> ∧ ⊕ □ □ □ (1)) ENG
 Type here to search
```

MySQL 8.0 Command Line Client - Unicode

08-Sep-20

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MySQL 8.0 Command Line Client - Unicode
3 rows in set (0.00 sec)
mysql> update employee
          -> set Designation="assistant"where emp_no=2;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '->
set Designation="assistant"where emp_no=2' at line 2
mysql> update employee
   -> ^C
mysql> ALTER TABLE employee
          -> ADD COLUMN Designation varchar(25);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '->
ADD COLUMN Designation varchar(25)' at line 2
mysql> ALTER TABLE employee
   -> ADD COLUMN Designation varchar(25);
Query OK, O rows affected (0.03 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> update employee
   -> set Designation="assistant"where emp_no=1;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> update employee
-> set Designation=" Typist"where emp_no=2;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> update employee
  -> set Designation="^Chere emp_no=1;
mysql> update employee
   -> set Designation=" Clerk"where emp_no=3;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> update employee
  -> set Designation=" Manager"where emp_no=4;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> update employee
  -> set Designation="Administrator "where emp_no=5;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> update employee
  -> set Designation="Coordinator"where emp_no=6;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> update employee
                                         08-Sep-20
                                                                                                                                x<sup>2</sup> ∧ ⊕ □ ⑴ ENG
     > Type here to search
```

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MySQL 8.0 Command Line Client - Unicode
Rows matched: 1 Changed: 1 Warnings: 0
mysql> update employee
   -> set Designation="Administrator "where emp_no=7;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> SELECT *FROM employee;
          emp_name | DOB
                                            doj
                                                         mobile_no | dept_no | salary | Designation
                                  address
 emp_no
                     1999-08-29
                                            2020-02-03
                                                         789096427
                                  USA
                                                                                 10001
          John
                                                                                         assistant
                                                                          101
          Abhinav
                     2000-08-29
                                             2019-05-10
                                                          984693611
                                                                          102
                                                                                 30000
                                                                                          Typist
                                  kannur
                                                                                          cĺerk
                     1998-02-12
                                  Delhi
                                            2020-07-09
                                                          839383939
                                                                          103
                                                                                 45000
          Kishor
                     1998-05-09
                                            2020-08-09
                                                                                 25000
                                  MAhe
                                                           83083911
                                                                          101
          Aswanth
                                                                                          Manager
                     1997-05-04
                                                          63083900
                                                                          102
                                                                                 35000
                                  Mumbai
                                             2018-01-01
                                                                                         Administrator
          ramshi
                     1996-12-07
                                                           53083604
          Pramod
                                  Mumbai
                                            2018-11-09
                                                                          103
                                                                                 25000
                                                                                         Coordinator
                     1997-02-02
                                                                          103
                                                                                 15000
          Dyuthi
                                  kerala
                                            2018-10-02
                                                           63083603
                                                                                         Administrator
7 rows in set (0.00 sec)
mysql> SELECT emp_no from employee
   -> ;
------+
 emp_no
      2
      6
rows in set (0.00 sec)
mysql> SELECT emp_no,emp_name,designation,dept_no,salary from employee order by salary desc
   -> :
                                      dept_no | salary
                    designation
 emp_no
          emp_name |
                                                 45000
          Kishor
                      Clerk
                                          103
          ramshi
                                          102
                                                  35000
                      Administrator
                                          102
                                                  30000
          Abhinav
                      Typist
                                          101
                                                  25000
          Aswanth
                      Manager
                                          103
                                                 25000
                      Coordinator
          Pramod
          Dyuthi
                                          103
                     Administrator
                                                 15000
                                          101
          John
                                                 10001
                     assistant
 rows in set (0.00 sec)
                                                         > Type here to search
```

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x⁸ ∧ ⊕ 🗖 Ф) ENG

```
MySQL 8.0 Command Line Client - Unicode
7 rows in set (0.00 sec)
mysql> SELECT emp_no,emp_name from employee where salary>20000 and salary<40000;
 emp_no | emp_name
          Abhinav
          Aswanth
          ramshi
          Pramod
4 rows in set (0.00 sec)
mysql> SELECT DISTINCT designation from employee
 designation
 assistant
  Typist
  Clerk
  Manager
 Administrator
 Coordinator
6 rows in set (0.00 sec)
mysql> SELECT department.dept_name,result.tot_sal from department,
   -> (select employee.dept_no,sum(employee.salary)tot_sal from employee group by dept_no)result
   -> where result.dept_no=department.dept_no;
            tot_sal
 dept_name
               35001
 education
 sports
               65000
               85000
 tourism
3 rows in set (0.00 sec)
mysql> update employee
   -> SET salary=25000 where designation ='Typist'
Query OK, 0 rows affected (0.00 sec)
Rows matched: O Changed: O Warnings: O
mysql> UPDATE employee
   -> set mobile_no='78554673'
   -> where emp_name='john';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0

∠ Type here to search
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30000

45000

25000

35000

25000

15000 |

Typist

Manager

Administrator

Administrator

Coordinator

clerk

102

103

101

102

103

103

7 rows in set (0.00 sec)

Abhinav

Aswanth

Kishor

ramshi

Pramod

Dyuthi

mysql> DELETE from employee where salary=25000; Query OK, 2 rows affected (0.02 sec)

2000-08-29

1998-02-12

1998-05-09

1997-05-04

1996-12-07

1997-02-02

kannur

Delhi

MAhe

Mumbai

Mumbai

kerala

mysql> SELECT department.dept_name

-> from

-> department,(SELECT dept_no,SUM(salary)salary from employee GROUP BY dept_no)result

2019-05-10

2020-07-09

2020-08-09

2018-01-01

2018-11-09

2018-10-02

-> department.dept_no=result.dept_no AND salary>30000;

dept_name sports tourism

2 rows in set (0.00 sec)

mysql> SELECT *FROM employee;

emp_no	emp_name	DOB	address	doj	mobile_no	dept_no	salary	Designation
1 2 3 5 7	John Abhinav Kishor ramshi Dyuthi	1999-08-29 2000-08-29 1998-02-12 1997-05-04 1997-02-02	Mumbai	2020-02-03 2019-05-10 2020-07-09 2018-01-01 2018-10-02	984693611 839383939 63083900	101 102 103 102 103	10001 30000 45000 35000 15000	assistant Typist Clerk Administrator Administrator

5 rows in set (0.00 sec)

mysql> _







984693611

839383939

83083911

63083900

53083604

63083603







