Abhisav. U Sty CSE Qull no. 5

solver

- ENG-2 and stay make con las -> create database company;
- -> Use company.
- -> Create table employee (France Varibai (25), Uname Vaichar (25), Loane Vaichar (25), SEN int not muly B date date, Address vareban (50), sex char (). Salary float, super SN vit, Dno int).
 - Brok database son -> create table department [Drame valla (25), Drumba. vie, Mgrssnine, Mgrstart Date date);
 - -> breate table department location (Dnumber int,
 - -> Create table project (Prame Vaubai (25), prumber bigont, plocation est, Drum int);
 - -> Create table work-on (ESSN, ist, pro bigist, Hous time).,
 - -> alter table engloyce add frimary key (SSN)
 - -> Alter table department add primary key (dorumber); -> Alter sable department. Cocation add frimary ky (donumber);

- aller table forgere add frimary key (pour ba), - aller table week on add frimary key (ESN); -snow tables; -> Desc employee; - Desc départment; -> Dest départment location; LUSUSUSL 100) 6 -> Desi project - (002, 78987891 -> Desi weat-on; SUST 3 DSL 1800) E -> viset viso dejartment values > ('Reseaus', '1000, 199) '2013-03-11), 7 ('production', 1003, 102, '2012-02-20'), > ('logisties', 1002, 104, '2014-04-24'), 7 (Saler, 1005, 106, 2014-04-25), - mest inso employee values 7('Abhnav', 'v', 1', 301, '2000-09-08', 'kamu', 'N', 100000, 401, 1002); ~ ('achary', aradhu', 'garsapathi', 303, 1999-09-28', 'Allapuzba', IH', 20000, 402, 10003), > (Jobin', 'raj', (304', 2001-DI-28', Mallaguean, "N', 75000, 404, 1001), 7 [Vismaya', (v', (k', 305, (1998 -03-23', mundais' 10), 85000, 405, 1005),

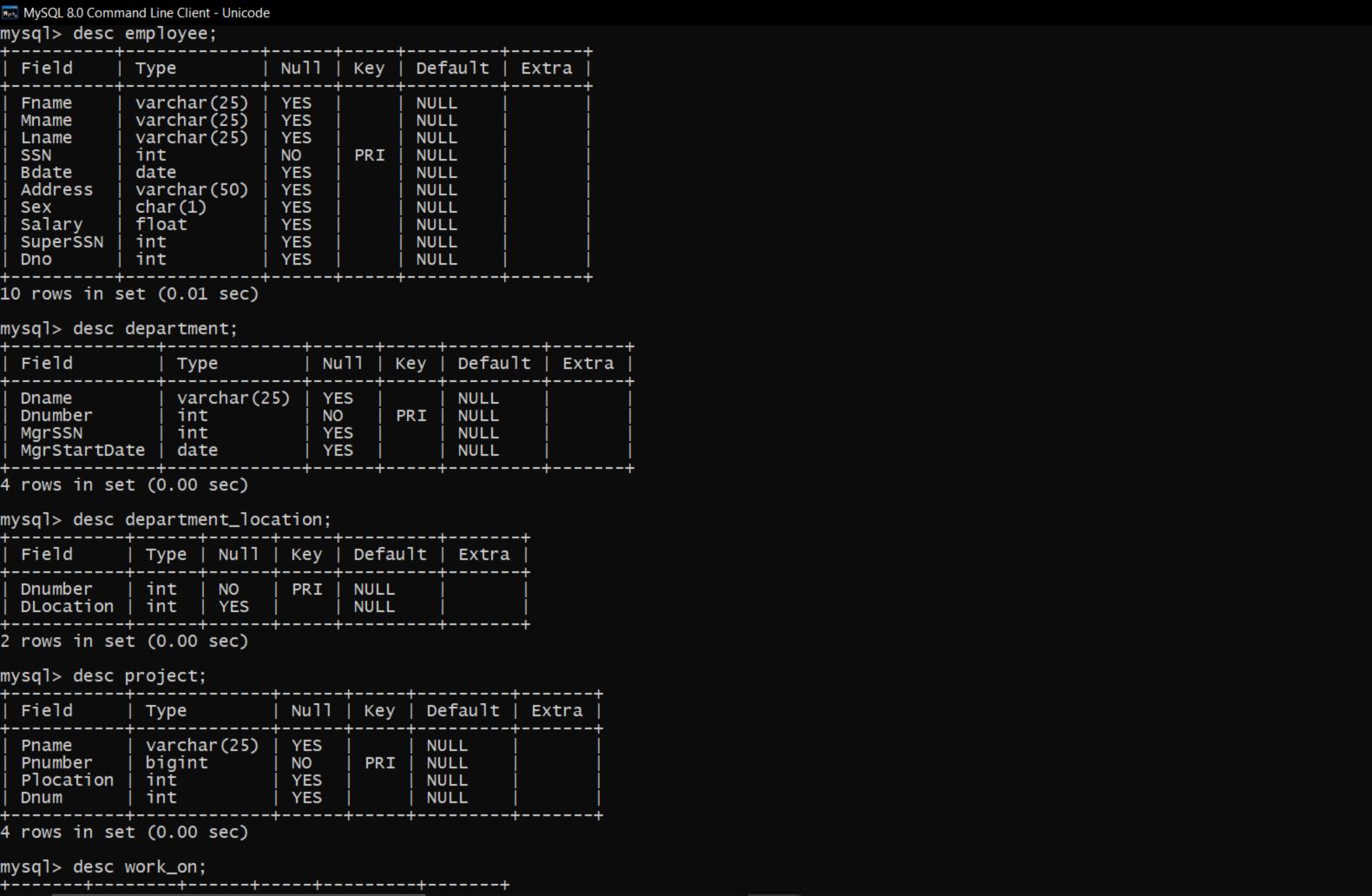
```
> insert visto department_location values
    -> (1001, 50D),
    → (1002 502),
                                          maus -
    → (1003', 503),

→ (1004', 504),

→ (1005', 505).
                                          J8998 C
-> insut uno project values
                                          7937 E
    → (001 178987897
                         5001, (001),
                                          HAY C
    -> (002, 78987891
                         5002,1002),
    → (003,78981893
                         5003 , (003),
    → (00417298 da)
                         5004, (004), 5005);
    → (00517298223)
-> ensert uso work on values
     7 (601, 1898 7897
                           aa:0 a:591)
    -> (602, 789,8789)
                           20:05:59),
    -> (603, 78987893) (0:05:00),
    -> (604, 7298221, 'A1:09:00),
    -> (605, 7898223, 30:01:01);
-> Scleet spengløyee;
 -> scleet & from department
- I select o from départment_Coealion.
 - Select & from work on;
 - sclect to from project.
-> Scleet mon (salary), mus (salary), ang (salary)
from employee;
```

> select more (salary), mis (salary), ang (salary) from employee where dow = [sellet down ber from départment votrere drame = (research'); -> select noux (ssn) from employee; -> Select court (drame) from départment where drame=! nesearch); -> Drop database company; Courte fable the cessain (no vaidous (vo) not out. Nume variliers (60) not null , find flace not now. (Smillan (10) Betinne) - राजसार प्रकार महाराज्य ('500 Cl, 'ABL Congreteronic', (197). . = ('socca', 'All expoles Melici', 'Esk 11) (Cas), 'sabags quar, 'scoos,) e = ('soo 64', 'Greek Technoslept', 'Nebne place) ("SOCOE", "Hitech Tech stone", "Nepsin bland - अंदार कार्य निर्देश कार्या विदेश = ('AOI', Media board) . 12000) (1021 11, 804,) = (Soc) heyboard', 1000,
'Mouse board, 13000, , (60th) c , road) a (C) FOS 13000, (304,) e-(CE 02) hupbered , 400.

```
MySQL 8.0 Command Line Client - Unicode
mysql> create database company;
Query OK, 1 row affected (0.01 sec)
mysql> use company;
Database changed
mysql> create table employee (Fname varchar(25),Mname varchar(25),Lname varchar(25),SSN int not null,Bdate date, Address varchar(50),Sex char(1),Salary float
,SuperSSN int,Dno int);
Query OK, 0 rows affected (0.05 sec)
mysql> create table department (Dname varchar(25),Dnumber int, MgrSSN int, MgrStartDate date);
Query OK, 0 rows affected (0.07 sec)
mysql> create table department_location (Dnumber int, DLocation int);
Query OK, 0 rows affected (0.21 sec)
mysql> create table project(Pname varchar(25), Pnumber bigint, Plocation int, Dnum int);
Query OK, 0 rows affected (0.18 sec)
mysql> create table work_on(ESSN int, Pno bigint, Hours time);
Query OK, 0 rows affected (0.09 sec)
mysql> alter table employee add primary key(ssn);
Query OK, 0 rows affected (0.09 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> alter table department add primary key(dnumber);
Query OK, O rows affected (0.09 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> alter table department_location add primary key(dnumber);
Query OK, O rows affected (0.11 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> alter table project add primary key(pnumber);
Query OK, 0 rows affected (0.10 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> alter table work_on add primary key(ESSN);
Query OK, O rows affected (0.09 sec)
Records: 0 Duplicates: 0 Warnings: 0
mvsql> show tables:
 Tables_in_company
 department
 department_location
 employee
 project
 work_on
                                                                                                                                    x<sup>8</sup> ∧ ⊕ 🗖 Ф) ENG
 Type here to search
                                                                                                                                                       11-Oct-20
```



Type here to search

0









```
MySQL 8.0 Command Line Client - Unicode
mysql> desc work_on:
 Field | Type
                             Key | Default | Extra
                      Nu11 |
  ESSN
                              PRI
                                     NULL
           int
                      NO
           bigint
                     YES
                                      NULL
  Pno
                      YES
                                      NULL
 Hours
           time
3 rows in set (0.00 sec)
mysql> insert into department values
    -> ('Research',1001,101,'2013-03-11')
    -> ('production',1003,102,'2012-02-20'),
    -> ('logistics',1002,104,'2014-04-24'),
    -> ('sales',1005,106,'2014-04-25');
Query OK, 4 rows affected (0.01 sec)
Records: 4 Duplicates: 0 Warnings: 0
mysql> ^C
mysql> insert into employee values
   -> ('Abhinav','u','',301,'2000-09-08','kannur','M',100000,401,1002),

-> ('achary','anadhu','ganapathi',303,'1999-09-28','Allapuzha','M',70000,402,1003),

-> ('jobin','raj','',304,'2001-01-28','MAllapuram','M',75000,404,1001),

-> ('vismaya','u','k',305,'1998-03-23','mumbai','F',85000,405,1005);
Query OK, 4 rows affected (0.01 sec)
Records: 4 Duplicates: 0 Warnings: 0
mysql> insert into department_location values
    -> ^C
mysql> (1001,'501'),
            -> (1002, '502'),
    -> (1001, '501'), ^C
mysql> insert into department_location values
    -> (1001,'501'),
    -> (1002,'502'),
    -> (1003, '503')
    -> (1004, '504'),
    -> ^C
mysql> insert into department_location values
    -> (1001, '501'),
    -> (1002, '502'),
    -> (1003, '503'),
    -> (1004, '504')
    -> (1005, '506');
Query OK, 5 rows affected (0.01 sec)
Records: 5 Duplicates: 0 Warnings: 0
mysql> insert into project values
    -> (001,78987897,'5001',1001),
    -> (002,78987322,'5002',1002),
                                                      Hi 👧 😭 🤚 🛅
 Type here to search
                                                                                                                                                           x<sup>8</sup> ∧ ⊕ 🗖 Ф) ENG
```

11-Oct-20

```
MySQL 8.0 Command Line Client - Unicode
mysql> insert into project values
    -> (001,78987897,'5001',10<del>0</del>1),
   -> (002,78987322,'5002',1002),
      (003,72987322,'5003',1003),
   -> (004,72987321,'5004',1004),
   -> (005,72987329,'5005',1005);
Query OK, 5 rows affected (0.01 sec)
Records: 5 Duplicates: 0 Warnings: 0
mysql> insert into work_on values
    -> (601,78987897,'22:02:59'),
   -> (603,78987322,'20:05:59'),
   -> (602,72987322,'10:05:00'),
   -> (604,72987321,'44:09:00'),
   -> (605,72987329,'30:01:01');
Query OK, 5 rows affected (0.01 sec)
Records: 5 Duplicates: 0 Warnings: 0
mysql> select *from employee;
                                                      Address
                                                                           Salary
                                  SSN | Bdate
 Fname
            Mname
                     Lname
                                                                    Sex
                                                                                    SuperSSN
                                        2000-09-08
                                                                           100000
                                                                                                1002
 Abhinav
                                                                                          401
                                                      kannur
                                                                            70000
                                                                                          402
                                                      Allapuzha
                                  303
                                        1999-09-28
                                                                   Μ
                                                                                                1003
 achary
            anadhu
                     ganapathi
                                                      MAllapuram
                                                                            75000
                                                                                          404
 jobin
                                  304
                                        2001-01-28
                                                                   Μ
                                                                                                1001
            raj
 vismaya
                                        1998-03-23
                                                      mumbai
                                                                            85000
                                                                                                1005
4 rows in set (0.00 sec)
mysql> select *from department;
                         MgrssN
                                   MgrStartDate
               Dnumber
 Dname
                                   2013-03-11
 Research
                  1001
 logistics
                  1002
                             104
                                   2014-04-24
                                   2012-02-20
                  1003
                             102
 production
                                   2014-04-25
                  1005
 sales
rows in set (0.00 sec)
mysql> select *from department_location;
            DLocation
 Dnumber
    1001
                  501
    1002
                  502
    1003
                  503
    1004
                  504
```

Type here to search

1005

506











```
mysql> select *from work_on;
 ESSN | Pno
                    Hours
  601
        78987897
                    22:02:59
                    10:05:00
        72987322
  602
  603
        78987322
                    20:05:59
        72987321
                    44:09:00
  604
  605
        72987329
                    30:01:01
5 rows in set (0.00 sec)
mysql> select *from project;
                     Plocation
 Pname
          Pnumber
                                 Dnum
          72987321
                           5004
                                  1004
 3
         72987322
                          5003
                                 1003
 5
          72987329
                          5005
                                 1005
 2
          78987322
                          5002
                                 1002
                           5001
          78987897
                                 1001
5 rows in set (0.00 sec)
mysql> select max(salary),min(salary),avg(salary) from employee;
 max(salary) | min(salary) | avg(salary)
      100000
                      70000
                                     82500
1 row in set (0.00 sec)
mysql> select max(salary),min(salary),avg(salary) from employee where
   -> dno=(select dnumber from department where dname='research');
 max(salary) |
                             | avg(salary)
               min(salary)
        75000
                      75000
                                     75000
L row in set (0.00 sec)
mysql> select count(SSN) from employee;
 count(SSN)
1 row in set (0.00 sec)
mysql> select count(dname) from department where dname='research';
                                                                                                                                       ጵ<sup>8</sup> ^ (最 🖃 ជ୬) ENG
                                           0
     > Type here to search
11-Oct-20
```

MySQL 8.0 Command Line Client - Unicode

1 row in set (0.00 sec) mysql>







