Project :- 1

Name: Pruthvik H Kakadiya

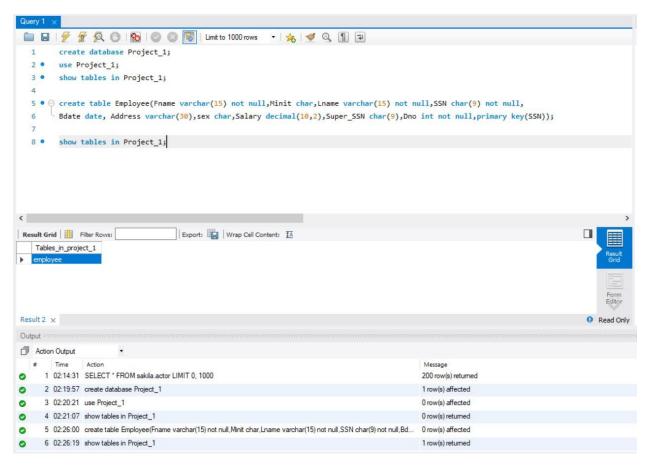
- 1. I have used MySQL server and MySQL workbench.
- 2. source codes for SQL create statements:

```
create database Project_1;
use Project_1;
create table Employee (
Fname varchar(15) not null,
Minit char,
Lname varchar(15) not null,
SSN char(9) not null,
Bdate date,
Address varchar(30),
sex char, Salary decimal(10,2),
Super_SSN char(9),
Dno int not null, primary key(SSN)
);
create table Department (
Dname varchar(15),
Dnumber int not null,
```

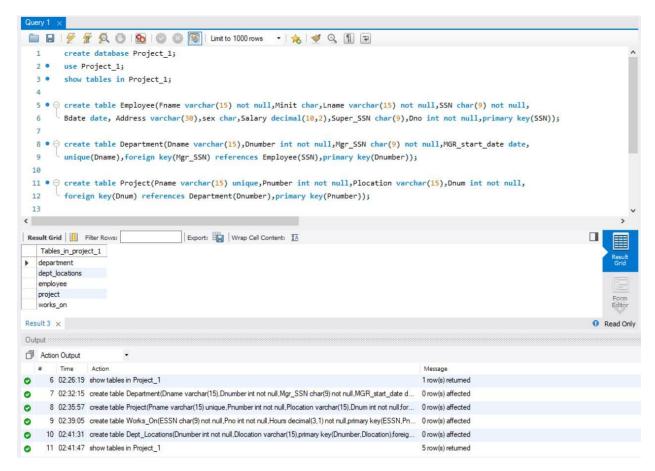
```
Mgr_SSN char(9) not null,
MGR_start_date date,
unique(Dname),
foreign key(Mgr_SSN) references Employee(SSN),
primary key(Dnumber)
);
create table Project (
Pname varchar(15) unique,
Pnumber int not null,
Plocation varchar(15),
Dnum int not null,
Foreign key(Dnum) references Department(Dnumber),
primary key(Pnumber)
);
create table Works_On (
ESSN char(9) not null,
Pno int not null,
Hours decimal(3,1) not null,
primary key(ESSN,Pno),
foreign key(ESSN) references Employee(SSN),
foreign key(Pno) references Project(Pnumber)
);
create table Dept_Locations (
Dnumber int not null,
```

```
Dlocation varchar(15),
primary key(Dnumber, Dlocation),
foreign key(Dnumber) references Department(Dnumber)
);
show tables in Project_1;
```

Here are the screenshots of create statements (employee as an example and list of all the created tables)

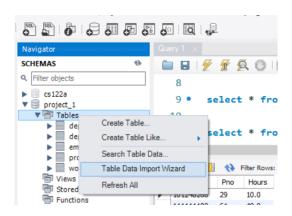


Create employee screenshot



All tables

3. At first, I have converted all the .txt files into .csv files using excel (Mdos csv file) after that I have used Table Data Import method to load all the data in different tables.

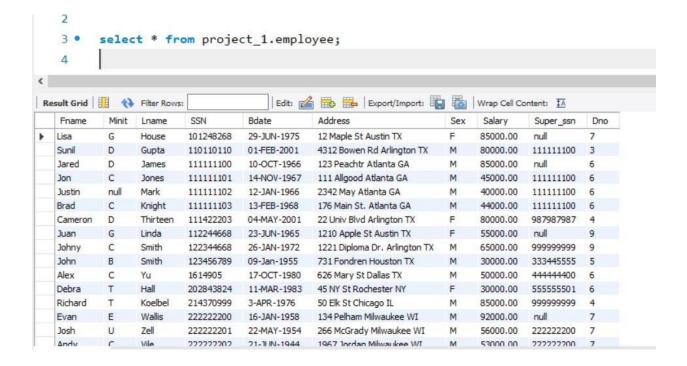


4. Source code for SQL create statements.

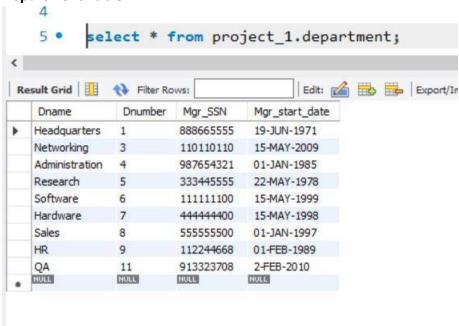
```
select * from project_1.employee;
select * from project_1.department;
select * from project_1.dept_locations;
select * from project_1.project;
select * from project_1.works_on;
```

Here are the screenshots of the individual tables with data:

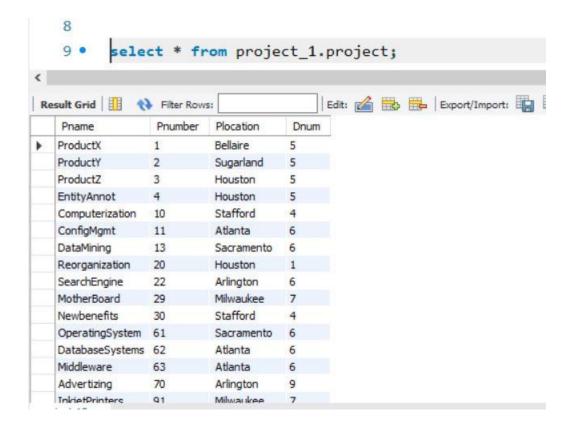
Employee Table



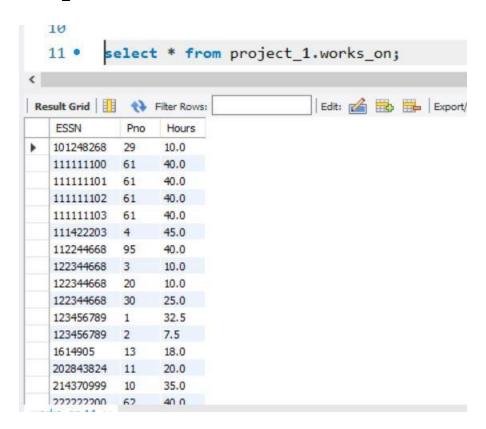
Department Table



Project Table



Works_on Table



Dept locations Table

