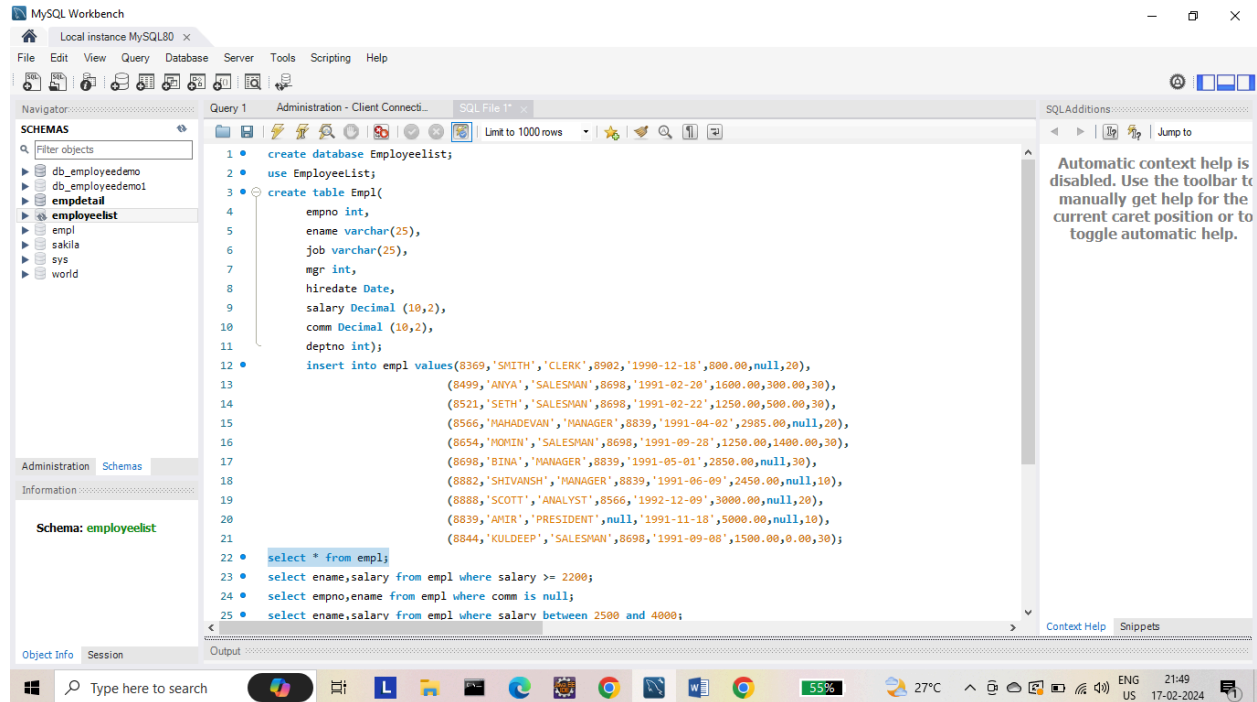


TASK 23

Question1: MySql database creation and inserting table.

Output:



The screenshot displays the MySQL Workbench interface. On the left, the 'SCHEMAS' pane shows a list of databases including 'db_employeeemo', 'db_employeeemo1', 'empdetail', and 'employeeelist'. The 'employeeelist' schema is selected. The main editor window shows a SQL script with the following queries:

```
1 • create database Employeeelist;
2 • use Employeeelist;
3 • create table Empl(
4     empno int,
5     ename varchar(25),
6     job varchar(25),
7     mgr int,
8     hiredate Date,
9     salary Decimal (10,2),
10    comm Decimal (10,2),
11    deptno int);
12 • insert into empl values(8369,'SMITH','CLERK',8902,'1990-12-18',800.00,null,20),
13                            (8499,'ANYA','SALESMAN',8698,'1991-02-20',1600.00,300.00,30),
14                            (8521,'SETH','SALESMAN',8698,'1991-02-22',1250.00,500.00,30),
15                            (8566,'MAHADEVAN','MANAGER',8839,'1991-04-02',2985.00,null,20),
16                            (8654,'MOHIN','SALESMAN',8698,'1991-09-28',1250.00,1400.00,30),
17                            (8698,'BINA','MANAGER',8839,'1991-05-01',2850.00,null,30),
18                            (8882,'SHIVANSH','MANAGER',8839,'1991-06-09',2450.00,null,10),
19                            (8888,'SCOTT','ANALYST',8566,'1992-12-09',3000.00,null,20),
20                            (8839,'AMIR','PRESIDENT',null,'1991-11-18',5000.00,null,10),
21                            (8844,'KULDEEP','SALESMAN',8698,'1991-09-08',1500.00,0.00,30);
22 • select * from empl;
23 • select ename,salary from empl where salary >= 2200;
24 • select empno,ename from empl where comm is null;
25 • select ename,salary from empl where salary between 2500 and 4000;
```

The right-hand pane shows a message: "Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help."

Table creation output:

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

db_employeeemo
db_employeeemo1
empdetail
employeeist
empl
sakila
sys
world

Administration Schemas

Information

Schema: employeeist

Query 1 Administration - Client Connect...

SQL File 1

Limit to 1000 rows

Result Grid

empno	ename	job	mgr	hiredate	salary	comm	deptno
8369	SMITH	CLERK	8902	1990-12-18	800.00	0.00	20
8499	ANYA	SALESMAN	8698	1991-02-20	1600.00	300.00	30
8521	SETH	SALESMAN	8698	1991-02-22	1250.00	500.00	30
8566	MAHADEVAN	MANAGER	8839	1991-04-02	2985.00	0.00	20
8654	MOMIN	SALESMAN	8698	1991-09-28	1250.00	1400.00	30
8698	BINA	MANAGER	8839	1991-05-01	2850.00	0.00	30
8882	SHIVANSH	MANAGER	8839	1991-06-09	2450.00	0.00	10
8888	SCOTT	ANALYST	8566	1992-12-09	3000.00	0.00	20
8839	AMIR	PRESIDENT	8839	1991-11-18	5000.00	0.00	10
8844	KULDEEP	SALESMAN	8698	1991-09-08	1500.00	0.00	30
8369	SMITH	CLERK	8902	1990-12-18	800.00	0.00	20
8499	ANYA	SALESMAN	8698	1991-02-20	1600.00	300.00	30
8521	SETH	SALESMAN	8698	1991-02-22	1250.00	500.00	30
8566	MAHADEVAN	MANAGER	8839	1991-04-02	2985.00	0.00	20
8654	MOMIN	SALESMAN	8698	1991-09-28	1250.00	1400.00	30
8698	BINA	MANAGER	8839	1991-05-01	2850.00	0.00	30
8882	SHIVANSH	MANAGER	8839	1991-06-09	2450.00	0.00	10

Output

Action Output

Message

Duration / Fetch

0.016 sec

Object Info Session

45 21:53:38 insert into Empl values(8369,'SMITH','CLERK',8902,'1990-12-18',800.00,null,20), (8499,'ANY...', 10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0

1. Print Employee name and sal, where salary greater than 2200.

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

db_employeeemo
db_employeeemo1
empdetail
employeeist
empl
sakila
sys
world

Administration Schemas

Information

Schema: employeeist

Query 1 Administration - Client Connect...

SQL File 1

Limit to 1000 rows

Result Grid

ename	salary
MAHADEVAN	2985.00
BINA	2850.00
SHIVANSH	2450.00
SCOTT	3000.00
AMIR	5000.00
MAHADEVAN	2985.00
BINA	2850.00
SHIVANSH	2450.00
SCOTT	3000.00
AMIR	5000.00

Output

Action Output

Message

Duration / Fetch

0.000 sec / 0.000 sec

Object Info Session

49 21:56:05 select * from Empl LIMIT 0, 1000

20 row(s) returned

2. Print Employee no and name without commission.

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- db_employeedemo
- db_employeedemo1
- empdetail
- employeeist
- empl
- sakila
- sys
- world

Administration Schemas

Information

Schema: **employeeist**

Query 1 Administration - Client Connect... SQL File 1*

```

22 • select * from Empl1;
23 • select ename,salary from Empl1 where salary >= 2200;
24 • select empno,ename from Empl1 where comm is null;
25 • select ename,salary from empl where salary between 2500 and 4000;
26 • select ename,job,salary from empl where job <> 'MANAGER';
27 • select * from empl where ename like '___A%';
28 • select * from empl where ename like '%T';
29 • select * from employee_table;

```

Result Grid

empno	ename
8369	SMITH
8566	MAHADEVAN
8698	BINA
8882	SHIVANGH
8888	SCOTT
8839	AMIR
8369	SMITH
8566	MAHADEVAN
8698	BINA
8882	SHIVANGH
8888	SCOTT
8839	AMIR

Empl125

Output

Action Output

Object Info Session

50 21:58:19 select ename,salary from Empl1 where salary >= 2200 LIMIT 0, 1000 10 row(s) returned 0.000 sec / 0.000 sec

Windows taskbar: Type here to search, 44%, 28°C, ENG US, 22:02 17-02-2024

3. Print name and salary ranges between 2200 to 4000.

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- db_employeedemo
- db_employeedemo1
- empdetail
- employeeist
- empl
- sakila
- sys
- world

Administration Schemas

Information

Schema: **employeeist**

Query 1 Administration - Client Connect... SQL File 1*

```

21 • (8844,'KULDEEP','SALESMAN',8698,'1991-09-08','1500.00,0.00,30');
22 • select * from Empl1;
23 • select ename,salary from Empl1 where salary >= 2200;
24 • select empno,ename from Empl1 where comm is null;
25 • select ename,salary from Empl1 where salary between 2500 and 4000;

```

Result Grid

ename	salary
MAHADEVAN	2985.00
BINA	2850.00
SCOTT	3000.00
MAHADEVAN	2985.00
BINA	2850.00
SCOTT	3000.00

Empl126

Output

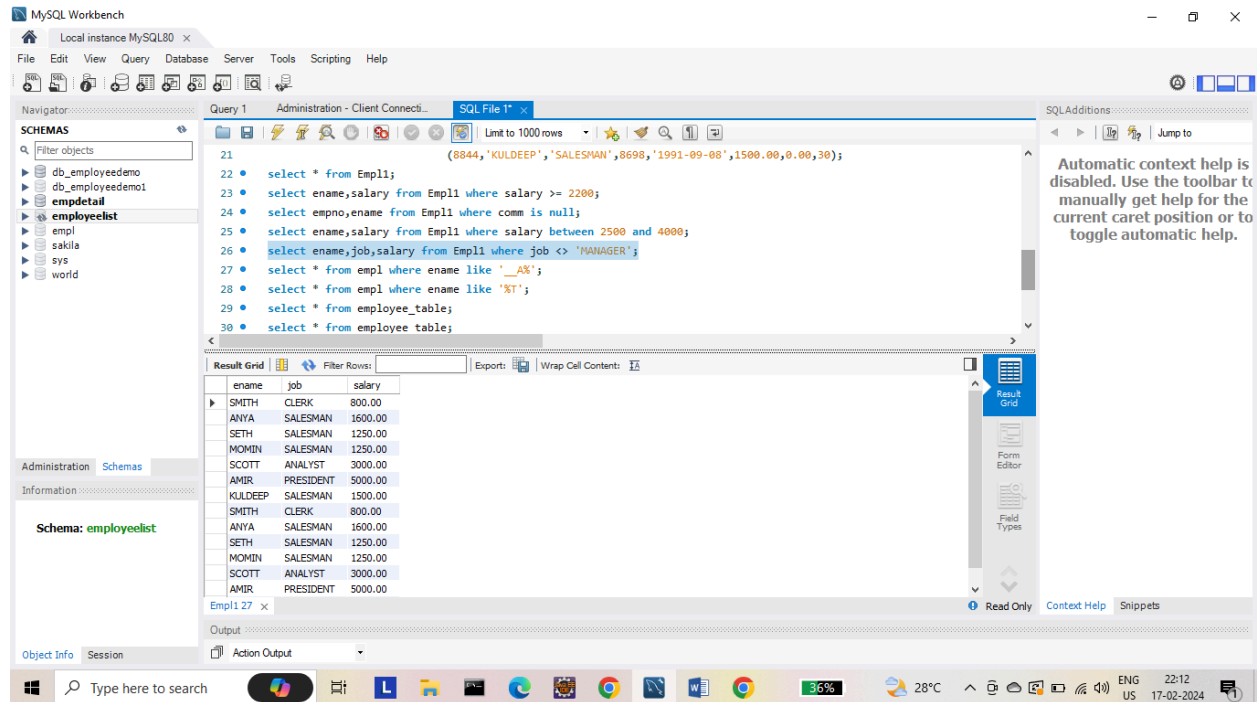
Action Output

#	Time	Action	Message	Duration / Fetch
48	21:55:38	Insert into Empl1 values(8369,'SMITH','CLERK',8902,'1990-12-18',800.00,null,20), (8499,'AN...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.000 sec
49	21:56:05	select * from Empl1 LIMIT 0, 1000	20 row(s) returned	0.000 sec / 0.000 sec
50	21:58:19	select ename,salary from Empl1 where salary >= 2200 LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
51	22:02:33	select empno,ename from Empl1 where comm is null LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec
52	22:04:32	create database Employeeist	Error Code: 1007. Can't create database 'employeeist'; database exists	0.000 sec
53	22:05:43	select ename,salary from Empl1 where salary between 2500 and 4000 LIMIT 0, 1000	6 row(s) returned	0.016 sec / 0.000 sec

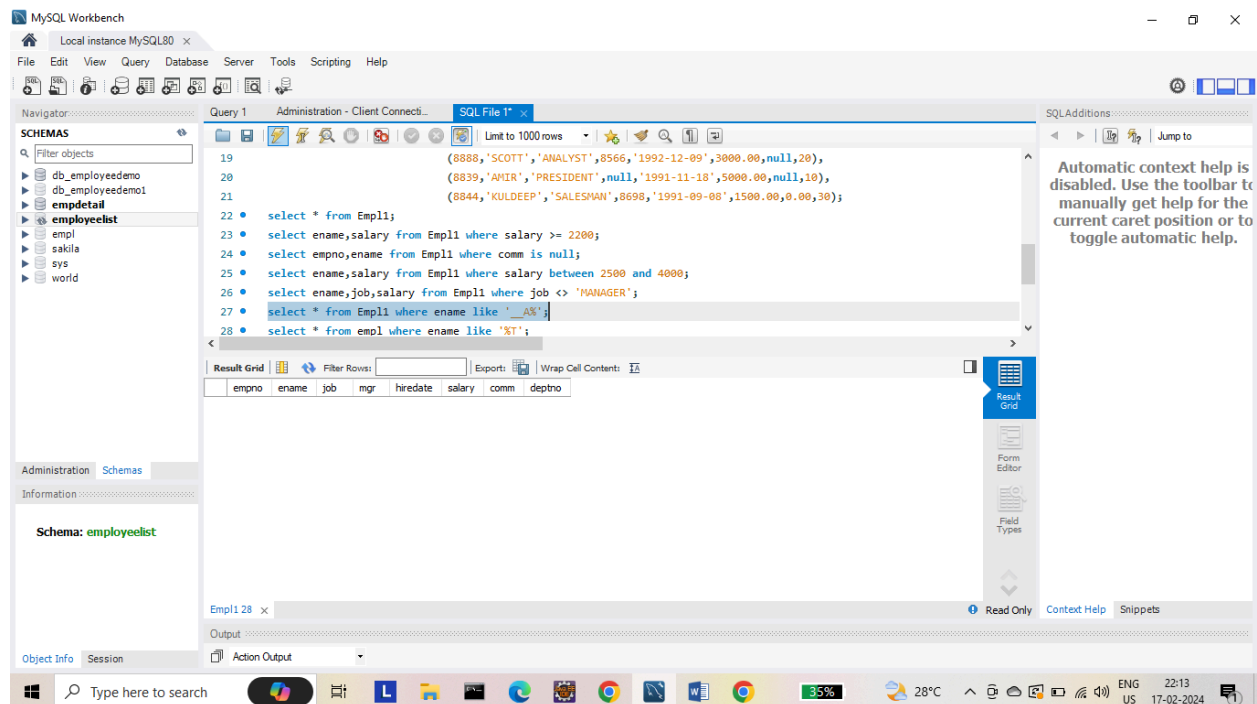
Object Info Session

Windows taskbar: Type here to search, 41%, 28°C, ENG US, 22:06 17-02-2024

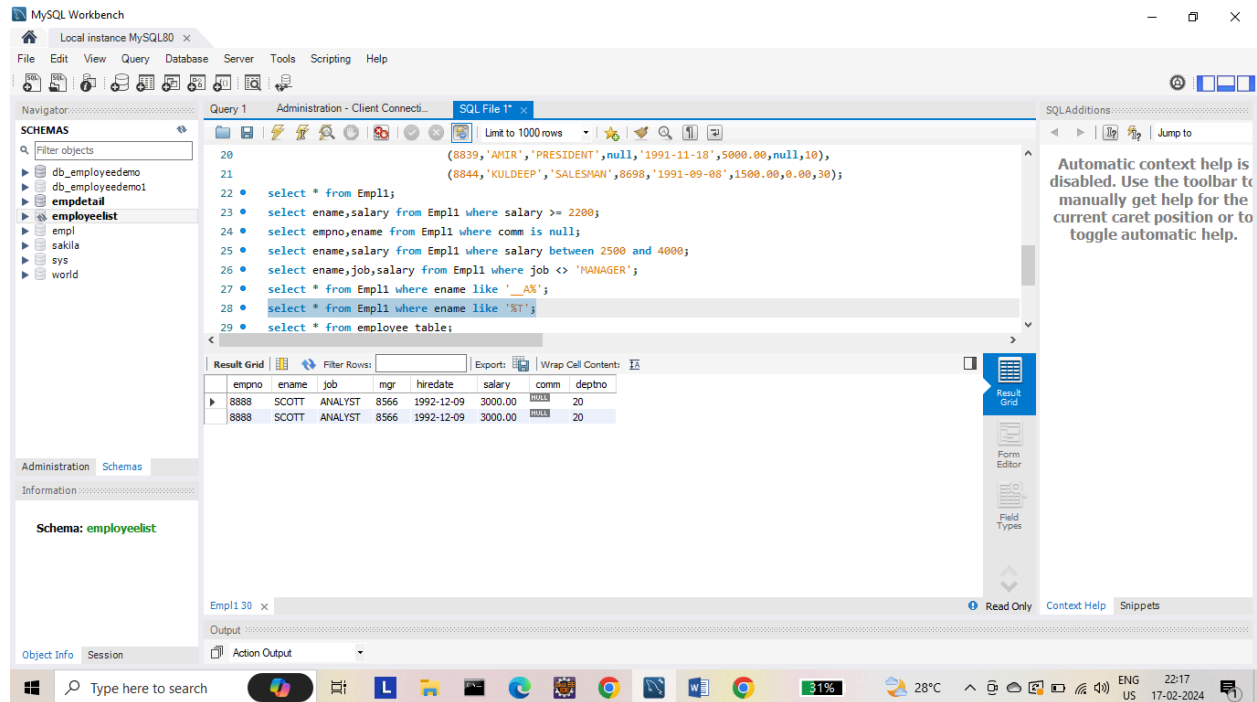
4. Print name job sal where job not equal to manager.



Print name where 3rd alphabet is "A".

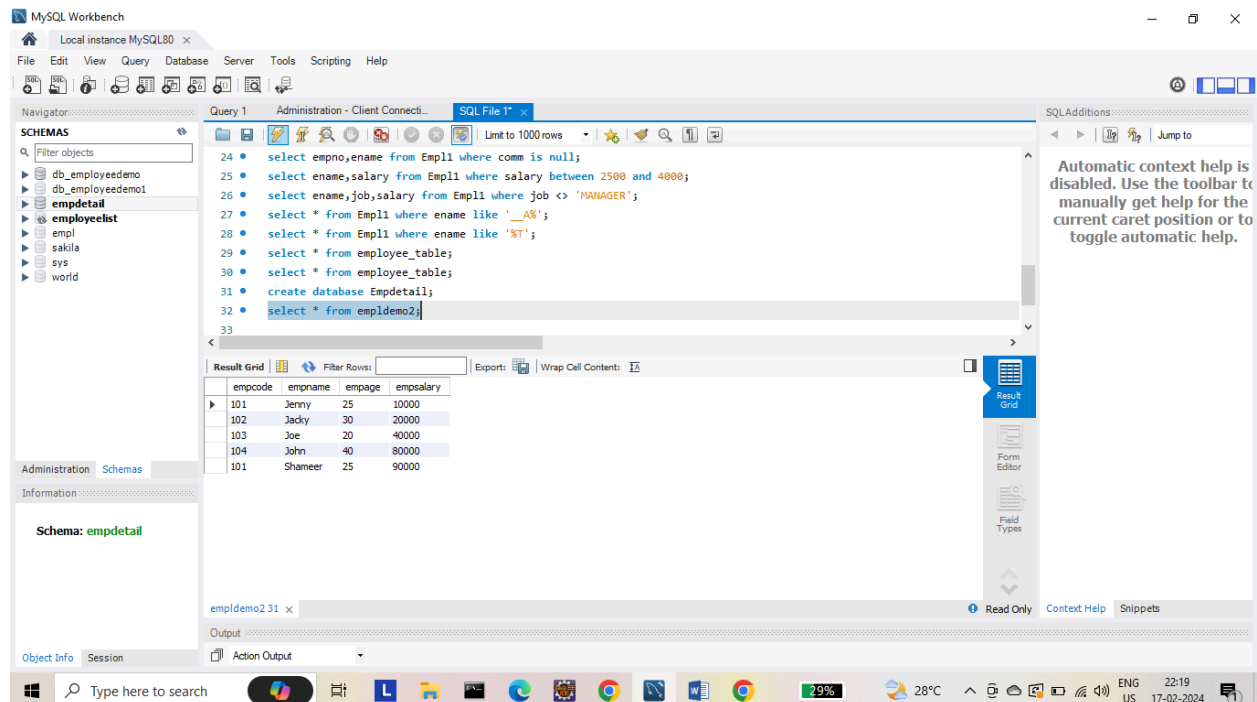


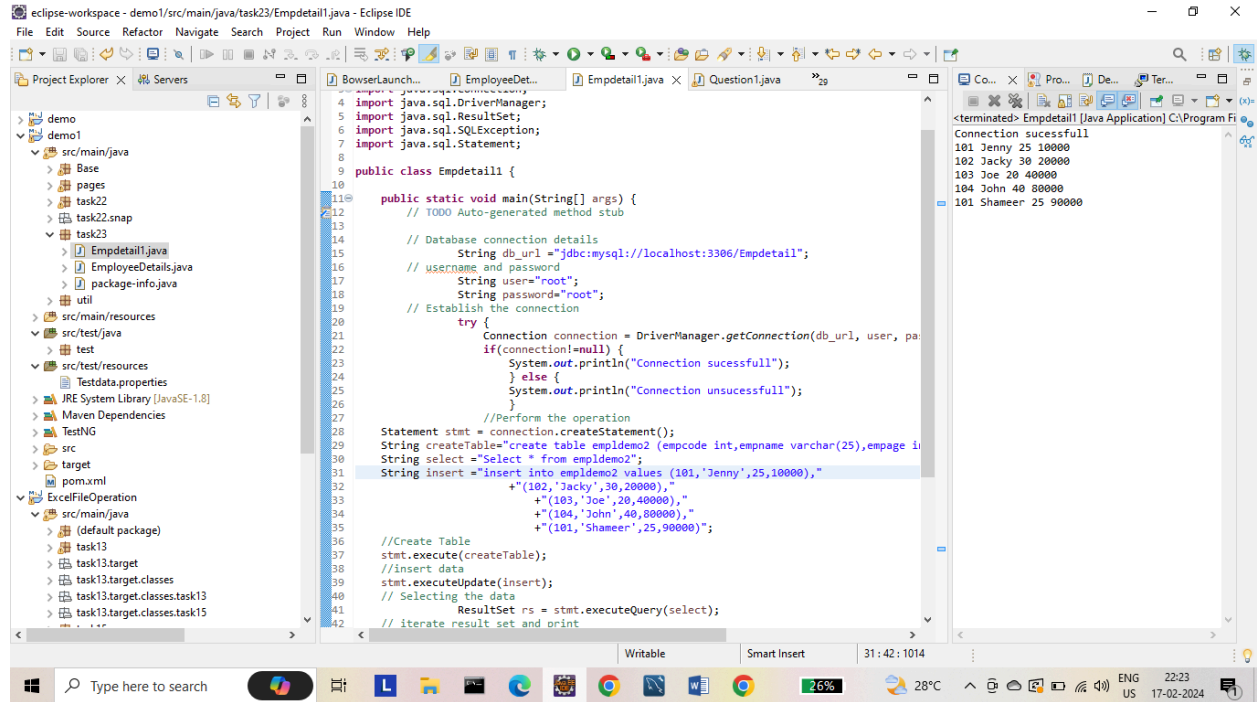
Print name where last alphabet is "T".



Question2: JDBC Connect database in sql and create table.

Output:





----- Thankyou -----