

22BCE0682 Siddhant Bhagat

CREATING THE FIRST TABLE AND INSERTING VALUES IN IT:

```
matlab@sjt319scope072: ~  
matlab@sjt319scope072:~$ rlwrap sqlplus  
SQL*Plus: Release 19.0.0.0.0 - Production on Fri Sep 6 14:12:05 2024  
Version 19.3.0.0.0  
Copyright (c) 1982, 2019, Oracle. All rights reserved.  
22BCE0682@DBORA  
Enter password:  
Connected to:  
Oracle Database 11g Enterprise Edition Release 11.2.0.1.0 - 64bit Production  
With the Partitioning, OLAP, Data Mining and Real Application Testing options  
create table employee(empID varchar2(10) primary key ,name varchar2(10),division numeric(10),salar numeric(10));  
Table created.  
create table div(division numeric(10) primary key,budget numeric(10),building_name varchar2(10));  
Table created.  
insert into employee values(101,'Rohan',5,900);  
1 row created.  
insert into employee values(102,'Sohan',8,1200);  
1 row created.  
insert into employee values(103,'Shan',8,200);  
1 row created.  
insert into employee values(104,'Mhan',9,800);  
1 row created.  
select * from employee;
```

DISPLAYING IT:

```
select * from employee;  
  
EMPID      NAME      DIVISION      SALAR  
-----  
101        Rohan        5           900  
102        Sohan        8          1200  
103         Shan         8           200  
104         Mhan         9           800
```

CREATING 2ND TABLE:

```

create table divi(division varchar(10) primary key ,budget numeric(10),build_name varchar2(10), foreign key (division) references employee(empID));
Table created.
insert into divi values(101, 1000, 'A');
1 row created.
insert into divi values(102, 2000, 'B');
1 row created.
insert into divi values(103, 12000, 'C');
1 row created.
insert into divi values(104, 200, 'D');
1 row created.

```

DISPLAYING TABLE:

```

SELECT * FROM DIVI;

```

DIVISION	BUDGET	BUILD_NAME
101	1000	A
102	2000	B
103	12000	C
104	200	D

Q1)

QUERY AND DISPLAYED TABLE:

```

select divi.division, divi.build_name, avg(salar) from divi, employee group by divi.division, divi.build_name;

```

DIVISION	BUILD_NAME	AVG(SALAR)
103	C	775
102	B	775
101	A	775
104	D	775

Q2)

QUERY AND DISPLAYED TABLE:

```

select divi.division, divi.build_name, avg(salar)as avgsalary from divi, employee group by divi.division, divi.build_name;

```

DIVISION	BUILD_NAME	AVGSALARY
103	C	775
102	B	775
101	A	775
104	D	775

Q3)

deleting values where salary is less than 775 the avgsalary and displaying the table:

```

delete from employee where salar<'775'

```



matlab@sjt319scope072: ~



SQL>

EMPID	NAME	DIVISION	SALAR
101	Rohan	5	900
102	Sohan	8	1200
104	Mhan	9	800