

```
create table employee(EmpId varchar(10),EmpName varchar(30),Job varchar(20),Manager varchar(20));
```

```
insert into employee values('E0001','Abey','Tester','E0004');
```

```
insert into employee values('E0002','Jesto','Analyst','E0001');
```

```
insert into employee values('E0003','Adarsh','Clerk','E0004');
```

```
insert into employee values('E0004','Kevin','Admin','E0005');
```

```
insert into employee values('E0005','Bony','Manager','E0002');
```

```
insert into employee values('E0006','Manu','Supplier','E0001');
```

```
SQL> nedha 48
```

```
SP2-0042: unknown command "nedha 48" - rest of line ignored.
```

```
SQL> select * from employee;
```

EMPID	EMPNAME	JOB	MANAGER
E0001	Abey	Tester	E0004
E0002	Jesto	Analyst	E0001
E0003	Adarsh	Clerk	E0004
E0004	Kevin	Admin	E0005
E0005	Bony	Manager	E0002
E0006	Manu	Supplier	E0001

```
6 rows selected.
```

```
SQL> |
```

```
create view cust_vw as select * from employee;
```

```
SQL> nedha 48
```

```
SP2-0042: unknown command "nedha 48" - rest of line ignored.
```

```
SQL> SELECT * FROM cust_vw;
```

EMPID	EMPNAME	JOB	MANAGER
E0001	Abey	Tester	E0004
E0002	Jesto	Analyst	E0001
E0003	Adarsh	Clerk	E0004
E0004	Kevin	Admin	E0005
E0005	Bony	Manager	E0002
E0006	Manu	Supplier	E0001

```
6 rows selected.
```

```
update cust_vw set job='Senior Clerk' where job ='Clerk';
```

```
SQL> nedha 48
```

```
SP2-0042: unknown command "nedha 48" - rest of line ignored.
```

```
SQL>
```

```
SQL> update cust_vw set job='Senior Clerk' where job ='Clerk';
```

```
1 row updated.
```

```
SQL> SELECT * FROM cust_vw;
```

EMPID	EMPNAME	JOB	MANAGER
E0001	Abey	Tester	E0004
E0002	Jesto	Analyst	E0001
E0003	Adarsh	Senior Clerk	E0004
E0004	Kevin	Admin	E0005
E0005	Bony	Manager	E0002
E0006	Manu	Supplier	E0001

```
6 rows selected.
```

```
Delete cust_vw where empname='Kevin';
```

```
SQL> nedha 48
```

```
SP2-0042: unknown command "nedha 48" - rest of line ignored.
```

```
SQL> SELECT * FROM cust_vw;
```

EMPID	EMPNAME	JOB	MANAGER
E0001	Abey	Tester	E0004
E0002	Jesto	Analyst	E0001
E0003	Adarsh	Senior Clerk	E0004
E0005	Bony	Manager	E0002
E0006	Manu	Supplier	E0001

Drop view cust_vw;

E

```
SQL> nedha 48
SP2-0042: unknown command "nedha 48" - rest of line ignored.
SQL> select power(16,5) from dual;
```

```
POWER(16,5)
-----
      1048576
```

- a. Find the length of the string "Application"

```
SQL> SELECT LENGTH('Application') from dual;

LENGTH('APPLICATION')
-----
                     11
```

- a. What is the last date of the current month?

```
SQL> nedha 48
SP2-0042: unknown command "nedha 48" - rest of line ignored.
SQL> SELECT LAST_DAY(SYSDATE) from dual;
```

```
LAST_DAY(
-----
31-DEC-22
```

- a. Convert the given number 65432 to \$65432. Use format mask.

```
SQL> nedha 48
SP2-0042: unknown command "nedha 48" - rest of line ignored.
SQL> SELECT TO_CHAR(65432,'$99999') from dual;
```

```
TO_CHAR
-----
$65432
```

- a. Display the current system date and time with fractional seconds with timezone.

```
SQL> nedha 48
SP2-0042: unknown command "nedha 48" - rest of line ignored.
SQL> SELECT SYSTIMESTAMP from dual;
```

```
SYSTIMESTAMP
-----
06-DEC-22 09.55.50.625000 AM +05:30
```

Find the number of departments available.

```
SQL> nedha 48
SP2-0042: unknown command "nedha 48" - rest of line ignored.
SQL> SELECT COUNT(DISTINCT(DEPTNAME)) from dept;
```

```
COUNT(DISTINCT(DEPTNAME))
```

```
-----
4
```

a. Display the year of the DOB of all the students from the student table

```
SQL> NEDHA 48
SP2-0042: unknown command "NEDHA 48" - rest of line ignored.
SQL> SELECT TO_CHAR(DOB,'YYYY')DOB FROM STUDENTS;
```

```
DOB
```

```
-----
2001
2001
2003
2002
2001
2001
```

6 rows selected.

b. Calculate the number of months the employees have been working in theCompany.

```
SQL> NEDHA 48
SP2-0042: unknown command "NEDHA 48" - rest of line ignored.
SQL> SELECT TRUNC(MONTHS_BETWEEN(SYSDATE,TO_DATE(DOB))) AS DOB FROM STUDENTS;
```

```
DOB
-----
251
259
238
241
259
257
```

6 rows selected.

c. Display the hire date of all employees in the following format:Friday, 11thAugust, 2017

```
SQL> NEDHA 48
SP2-0042: unknown command "NEDHA 48" - rest of line ignored.
SQL> SELECT TO_CHAR(DOB,'DY,DDth MONTH,YYYY') FROM STUDENTS;
```

```
TO_CHAR(DOB,'DY,DDTHMON
```

```
-----
SAT,15TH DECEMBER ,2001
TUE,24TH APRIL ,2001
FRI,10TH JANUARY ,2003
THU,10TH OCTOBER ,2002
WED,11TH APRIL ,2001
TUE,19TH JUNE ,2001
```

```
6 rows selected.
```