***9) ANY 5 DATE FUNCTIONS:***

## (FOR WRITING DATE FUNCTION, I WILL ADD A DATE COLOUMN IN TABLE ORDERS) ALTER TABLE ORDERS ADD(DOD DATE);

Table altered.

SQL> UPDATE ORDERS

2 SET DOD='11-JAN-18' WHERE SERIALNO=1;

1. row updated.

SQL> UPDATE ORDERS

1. SET DOD='13-DEC-18' WHERE SERIALNO=3;

1. row updated.

SQL> UPDATE ORDERS

1. SET DOD='13-NOV-18' WHERE SERIALNO=5;

1. row updated.

SQL> UPDATE ORDERS

1. SET DOD='23-NOV-18' WHERE SERIALNO=6;

1. row updated.

SQL> UPDATE ORDERS

1. SET DOD='24-DEC-18' WHERE SERIALNO=6;

1. row updated.

SQL> UPDATE ORDERS

1. SET DOD='30-OCT-18' WHERE SERIALNO=8; 1 row updated.

SQL> UPDATE ORDERS

2 SET DOD='30-OCT-18' WHERE SERIALNO=9;

1 row updated.

SQL> SELECT \* FROM ORDERS;

ORDERID CUSTOMER SERIALNO ORDERSTATE DAYS\_OF\_DELIVERY DOD

---------- ---------- ---------- -------------------- ---------------- ---------

1. 14253601 1 SHIPPED 2 11-JAN-18
2. 14253601 3 DELIVERED 2 13-DEC-18
3. 14253602 5 PROCESSING 4 13-NOV-18
4. 14253603 6 SHIPPED 3 24-DEC-18
5. 14253605 8 SHIPPED 3 30-OCT-18
6. 14253605 9 DISPATCHED 1 30-OCT-18

6 rows selected.

***NOW PERFORMING DATE OPERATIONS:***

1)

SQL> SELECT DOD,ADD\_MONTHS(DOD,2) FROM ORDERS;

DOD ADD\_MONTH

--------- ---------

11-JAN-18 11-MAR-18

13-DEC-18 13-FEB-19

13-NOV-18 13-JAN-19

24-DEC-18 24-FEB-19

30-OCT-18 30-DEC-18

30-OCT-18 30-DEC-18

6 rows selected.

2)

SQL> SELECT DOD,LAST\_DAY(DOD) FROM ORDERS;

DOD LAST\_DAY(

--------- ---------

11-JAN-18 31-JAN-18

13-DEC-18 31-DEC-18

13-NOV-18 30-NOV-18

24-DEC-18 31-DEC-18

30-OCT-18 31-OCT-18

30-OCT-18 31-OCT-18

6 rows selected.

3)

SQL> SELECT DOD,ROUND(DOD,'MON') FROM ORDERS;

DOD ROUND(DOD

--------- ---------

11-JAN-18 01-JAN-18

13-DEC-18 01-DEC-18

13-NOV-18 01-NOV-18

24-DEC-18 01-JAN-19

30-OCT-18 01-NOV-18

30-OCT-18 01-NOV-18

6 rows selected.

4)

SQL> SELECT DOD,TRUNC(DOD,'YEAR') FROM ORDERS;

DOD TRUNC(DOD

--------- ---------

11-JAN-18 01-JAN-18

13-DEC-18 01-JAN-18

13-NOV-18 01-JAN-18

24-DEC-18 01-JAN-18

30-OCT-18 01-JAN-18

30-OCT-18 01-JAN-18

6 rows selected.

5)

SQL> SELECT DOD,NEXT\_DAY(DOD,'TUESDAY') FROM ORDERS;

DOD NEXT\_DAY(

--------- ---------

11-JAN-18 16-JAN-18

13-DEC-18 18-DEC-18

13-NOV-18 20-NOV-18

24-DEC-18 25-DEC-18

30-OCT-18 06-NOV-18

30-OCT-18 06-NOV-18

6 rows selected.