Date & time function

create table whitedevil (

id number(2),

dob date default sysdate,

dobtime timestamp default sysdate

);

SQL> insert into whitedevil (id,dob,dobtime) values (1,'10-jun-1999','10-jun-201

5');

1 row created.

SQL> select \* from whitedevil;

ID DOB

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

DOBTIME

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

1 10-JUN-99

10-JUN-15 12.00.00.000000 AM

**Function - sysdate**

SQL> select sysdate from whitedevil;

SYSDATE

---------

11-JUN-19

**Function – add\_months**

SQL> select add\_months(sysdate,6) from whitedevil;

ADD\_MONTH

---------

11-DEC-19

**Function – current\_date**

SQL> select current\_date from whitedevil;

CURRENT\_D

---------

11-JUN-19

**Function – current\_timestamp**

SQL> select current\_timestamp from whitedevil;

CURRENT\_TIMESTAMP

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

11-JUN-19 12.53.24.783000 PM +05:30

**Function - dbtimezone**

SQL> select dbtimezone from whitedevil;

DBTIME

------

+00:00

**Function - extract**

SQL> select extract(day from localtimestamp) from whitedevil;

EXTRACT(DAYFROMLOCALTIMESTAMP)

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11

SQL> select extract(month from localtimestamp) from whitedevil;

EXTRACT(MONTHFROMLOCALTIMESTAMP)

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6

SQL> select extract(year from localtimestamp) from whitedevil;

EXTRACT(YEARFROMLOCALTIMESTAMP)

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

2019

SQL> select extract(hour from localtimestamp) from whitedevil;

EXTRACT(HOURFROMLOCALTIMESTAMP)

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

12

**Function -lastday**

SQL> select last\_day(localtimestamp) from whitedevil;

LAST\_DAY(

---------

30-JUN-19

**Function -localtimestamp**

SQL> select localtimestamp from whitedevil;

LOCALTIMESTAMP

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

11-JUN-19 12.57.15.369000 PM

**Function –months\_between**

SQL> select id,dob,months\_between(sysdate,dob)from whitedevil;

ID DOB MONTHS\_BETWEEN(SYSDATE,DOB)

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1 10-JUN-99 240.049727

**Function –next\_day**

SQL> select next\_day(sysdate,5) from whitedevil;

NEXT\_DAY(

---------

13-JUN-19

**Function -systimestamp**

SQL> select systimestamp from whitedevil;

SYSTIMESTAMP

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

11-JUN-19 01.01.56.606000 PM +05:30

**Function –to\_char (convert)**

SQL> select to\_char(sysdate,'dd-mm-yyyy-hh:mi:ss') from whitedevil;

TO\_CHAR(SYSDATE,'DD

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11-06-2019-01:03:07