AGGREGATE FUNCTION

SQL> CREATE TABLE EMP(EID NUMBER(10) PRIMARY KEY,ENAME VARCHAR(20),AGE NUMBER(20),SALARY NUMBER(10));

Table created.

SQL> INSERT INTO EMP VALUES(&EID,'&ENAME',&AGE,&SALARY);

Enter value for eid: 11

Enter value for ename: tes

Enter value for age: 20

Enter value for salary: 200000

old 1: INSERT INTO EMP VALUES(&EID,'&ENAME',&AGE,&SALARY)

new 1: INSERT INTO EMP VALUES(11,'tes',20,200000)

1 row created.

SQL> INSERT INTO EMP VALUES(&EID,'&ENAME',&AGE,&SALARY);

Enter value for eid: 12

Enter value for ename: surya

Enter value for age: 20

Enter value for salary: 300000

old 1: INSERT INTO EMP VALUES(&EID,'&ENAME',&AGE,&SALARY)

new 1: INSERT INTO EMP VALUES(12,'surya',20,300000)

1 row created.

SQL> INSERT INTO EMP VALUES(&EID,'&ENAME',&AGE,&SALARY);

Enter value for eid: 13

Enter value for ename: anna

Enter value for age: 21

Enter value for salary: 400000

old 1: INSERT INTO EMP VALUES(&EID,'&ENAME',&AGE,&SALARY)

new 1: INSERT INTO EMP VALUES(13,'anna',21,400000)

1 row created.

SQL> SELECT \* FROM EMP;

EID ENAME AGE SALARY

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11 tes 20 200000

12 surya 20 300000

13 anna 21 400000

SQL> DESC EMP;

Name Null? Type

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EID NOT NULL NUMBER(10)

ENAME VARCHAR2(20)

AGE NUMBER(20)

SALARY NUMBER(10)

SQL> SELECT COUNT(EID) FROM EMP;

COUNT(EID)

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3

SQL> SELECT MAX(AGE) FROM EMP;

MAX(AGE)

----------

21

SQL> SELECT MIN(AGE) FROM EMP;

MIN(AGE)

----------

20

SQL> SELECT SUM(SALARY) FROM EMP;

SUM(SALARY)

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900000

SQL> SELECT AVG(SALARY) FROM EMP;

AVG(SALARY)

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300000

VIEW

SQL> CREATE OR REPLACE VIEW EMPVIEW AS SELECT AGE,ENAME FROM EMP WHERE AGE<30;

View created.

SQL> SELECT \* FROM EMPVIEW;

AGE ENAME

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20 TES

20 SURYA

21 ANNA

SQL> CREATE OR REPLACE VIEW EMPVIEW AS SELECT EID,ENAME,SALARY FROM EMP;

View created.

SQL> SELECT \* FROM EMPVIEW;

EID ENAME SALARY

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11 TES 200000

12 SURYA 300000

13 ANNA 40000

SQL> SELECT ENAME,SALARY FROM EMP ORDER BY SALARY DESC;

ENAME SALARY

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SURYA 300000

TES 200000

ANNA 40000

SQL> SELECT ENAME,AGE FROM EMP ORDER BY AGE;

ENAME AGE

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TES 20

SURYA 20

ANNA 21

SQL> CREATE TABLE SAILORS(SID NUMBER(30)PRIMARY KEY,SNAME VARCHAR(20),RATING NUMBER(30),AGE NUMBER(2));

Table created.

SQL> CREATE TABLE BOATS(BID NUMBER(30)PRIMARY KEY,BNAME VARCHAR(20),COLOR VARCHAR(20));

Table created.

SQL> CREATE TABLE RESERVES(SID INT REFERENCES SAILORS,BID INT REFERENCES BOATS(BID),DAY DATE);

Table created.

SQL> INSERT INTO SAILORS VALUES(&SID,'&SNAME',&RATING,&AGE);

Enter value for sid: 20

Enter value for sname: ANU

Enter value for rating: 23.5

Enter value for age: 26

old 1: INSERT INTO SAILORS VALUES(&SID,'&SNAME',&RATING,&AGE)

new 1: INSERT INTO SAILORS VALUES(20,'ANU',23.5,26)

1 row created.

SQL> /

Enter value for sid: 21

Enter value for sname: ANJU

Enter value for rating: 45.6

Enter value for age: 29

old 1: INSERT INTO SAILORS VALUES(&SID,'&SNAME',&RATING,&AGE)

new 1: INSERT INTO SAILORS VALUES(21,'ANJU',45.6,29)

1 row created.

SQL> /

Enter value for sid: 22

Enter value for sname: SURYA

Enter value for rating: 56.8

Enter value for age: 30

old 1: INSERT INTO SAILORS VALUES(&SID,'&SNAME',&RATING,&AGE)

new 1: INSERT INTO SAILORS VALUES(22,'SURYA',56.8,30)

1 row created.

SQL> SELECT AGE,SNAME FROM SAILORS;

AGE SNAME

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26 ANU

29 ANJU

30 SURYA