**AGGREGATE FUNCTIONS**

**1.Create table EMP with attributes EID, ENAME, AGE, SALARY.**

SQL> CREATE TABLE EMP(EID NUMBER(10),ENAME VARCHAR(20),AGE

NUMBER(10),SALARY NUMBER(10));

**2. Insert values.**

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

Enter value for eid: 23

Enter value for ename: Anna

Enter value for age: 20

Enter value for salary: 50000

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

new 1: INSERT INTO EMP VALUES(23,'Anna',20,50000)

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

Enter value for eid: 56

Enter value for ename: Sara

Enter value for age: 18

Enter value for salary: 56000

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

new 1: INSERT INTO EMP VALUES(56,'Sara',18,56000)

1 row created.

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

Enter value for eid: 12

Enter value for ename: Steve

Enter value for age: 22

Enter value for salary: 60000

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

new 1: INSERT INTO EMP VALUES(12,'Steve',22,60000)

1 row created.

SQL> SELECT \* FROM EMP;

EID ENAME AGE SALARY

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23 Anna 20 50000

56 Sara 18 56000

12 Steve 22 60000

**3. Find the count of the employees**

SQL> SELECT COUNT(EID)FROM EMP;

COUNT(EID)

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3

**4. Find the maximum age from employee table**

SQL> SELECT MAX(AGE)FROM EMP;

MAX(AGE)

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22

**5. Find the minimum age**

SQL> SELECT MIN(AGE)FROM EMP;

MIN(AGE)

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18

6. **Find sum of salary and sum of age**

SQL> SELECT SUM(SALARY)FROM EMP;

SUM(SALARY)

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166000

SQL> SELECT SUM(AGE)FROM EMP;

SUM(AGE)

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60

**VIEWS**

**1. Create a view for name and age**

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

View created.

SQL> SELECT \* FROM A;

AGE ENAME

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20 Anna

18 Sara

22 Steve

**2. create a view to store id, name, salary.**

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

ENAME SALARY

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Steve 60000

Sara 56000

Anna 50000

SQL> SELECT ENAME FROM EMP ORDER BY AGE;

ENAME

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Sara

Anna

Steve