**AGGREGATE FUNCTIONS**

**CREATE TABLE STUDENT\_EXP07\_CSA\_41 (STUDENT\_EXP07\_CSA\_41\_ID NUMBER PRIMARY KEY,STUDENT\_EXP07\_CSA\_41\_NAME VARCHAR2(50),PHYSICS NUMBER(2),CHEMISTRY NUMBER(2),MATHEMATICS NUMBER(2));**

table STUDENT\_EXP07\_CSA\_41 created.

INSERT INTO STUDENT\_EXP07\_CSA\_41 (STUDENT\_EXP07\_CSA\_41\_ID, STUDENT\_EXP07\_CSA\_41\_NAME, PHYSICS, CHEMISTRY, MATHEMATICS) VALUES (1, 'PRANAV', 20, 18, 40);

INSERT INTO STUDENT\_EXP07\_CSA\_41 (STUDENT\_EXP07\_CSA\_41\_ID, STUDENT\_EXP07\_CSA\_41\_NAME, PHYSICS, CHEMISTRY, MATHEMATICS) VALUES (2, 'NAGARAJ', 15, 12, 35);

INSERT INTO STUDENT\_EXP07\_CSA\_41 (STUDENT\_EXP07\_CSA\_41\_ID, STUDENT\_EXP07\_CSA\_41\_NAME, PHYSICS, CHEMISTRY, MATHEMATICS) VALUES (3, 'JIBIN', 10, 14, 20);

INSERT INTO STUDENT\_EXP07\_CSA\_41 (STUDENT\_EXP07\_CSA\_41\_ID, STUDENT\_EXP07\_CSA\_41\_NAME, PHYSICS, CHEMISTRY, MATHEMATICS) VALUES (4, 'FELIX', 22, 25, 45);

INSERT INTO STUDENT\_EXP07\_CSA\_41 (STUDENT\_EXP07\_CSA\_41\_ID, STUDENT\_EXP07\_CSA\_41\_NAME, PHYSICS, CHEMISTRY, MATHEMATICS) VALUES (5, 'BLESSON', 11, 10, 30);

INSERT INTO STUDENT\_EXP07\_CSA\_41 (STUDENT\_EXP07\_CSA\_41\_ID, STUDENT\_EXP07\_CSA\_41\_NAME, PHYSICS, CHEMISTRY, MATHEMATICS) VALUES (6, 'JOSE', 13, 17, 28);

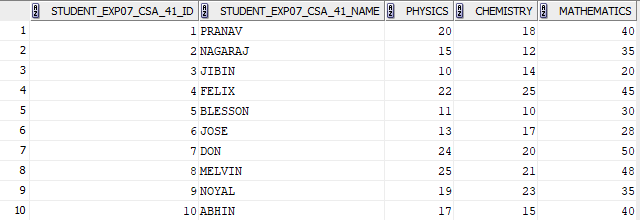
INSERT INTO STUDENT\_EXP07\_CSA\_41 (STUDENT\_EXP07\_CSA\_41\_ID, STUDENT\_EXP07\_CSA\_41\_NAME, PHYSICS, CHEMISTRY, MATHEMATICS) VALUES (7, 'DON', 24, 20, 50);

INSERT INTO STUDENT\_EXP07\_CSA\_41 (STUDENT\_EXP07\_CSA\_41\_ID, STUDENT\_EXP07\_CSA\_41\_NAME, PHYSICS, CHEMISTRY, MATHEMATICS) VALUES (8, 'MELVIN', 25, 21, 48);

INSERT INTO STUDENT\_EXP07\_CSA\_41 (STUDENT\_EXP07\_CSA\_41\_ID, STUDENT\_EXP07\_CSA\_41\_NAME, PHYSICS, CHEMISTRY, MATHEMATICS) VALUES (9, 'NOYAL', 19, 23, 35);

INSERT INTO STUDENT\_EXP07\_CSA\_41 (STUDENT\_EXP07\_CSA\_41\_ID, STUDENT\_EXP07\_CSA\_41\_NAME, PHYSICS, CHEMISTRY, MATHEMATICS) VALUES (10, 'ABHIN', 17, 15, 40);

SELECT \* FROM STUDENT\_EXP07\_CSA\_41;



SELECT AVG(PHYSICS) AS AVERAGE\_PHYSICS FROM STUDENT\_EXP07\_CSA\_41;



SELECT MAX(MATHEMATICS) AS HIGHEST\_MATHS\_MARK FROM STUDENT\_EXP07\_CSA\_41;



SELECT MIN(CHEMISTRY) AS LOWEST\_CHEMISTRY\_MARK FROM STUDENT\_EXP07\_CSA\_41;



SELECT COUNT(STUDENT\_EXP07\_CSA\_41\_NAME) AS TOTAL\_PASSED FROM STUDENT\_EXP07\_CSA\_41 WHERE PHYSICS >= 12;



SELECT STUDENT\_EXP07\_CSA\_41\_NAME FROM STUDENT\_EXP07\_CSA\_41 WHERE PHYSICS >= 12 AND CHEMISTRY >= 12 AND MATHEMATICS >= 25;

