Write a query for the following

1. **List of students’ secured marks average of Tamil + English greater than 85**

SELECT Stud\_name , (Tamil+English+Science+Maths+Social)/ 5 Avg\_Marks

FROM Stud\_Srini WHERE (Tamil+English) /2 >= 85;

1. **List of students secured {Tamil greater than 90 or English greater than 75} and maths less than 75**

SELECT Stud\_name FROM Stud\_Srini WHERE (Tamil > 90 OR English > 75 ) AND Maths < 75 ORDER BY Stud\_name ;

1. **Average five subjects total and print the results as follows**

* **Greater than 90 “First Class with Distinction”**
* **Between 60 to 90 “First Class”**
* **Less than 60 “ Second Class”**

SELECT Reg\_no,

Stud\_name,

(Tamil+English+Maths+Science+Social)TOTAL,

((Tamil+English+Maths+Science+Social)/5)AVERAGE,

CASE

WHEN (Tamil+English+Maths+Science+Social) BETWEEN 450 AND 500 THEN 'First Class with distinction'

WHEN (Tamil+English+Maths+Science+Social) BETWEEN 380 AND 450 THEN 'First Class'

ELSE 'Second Class'

END

FROM STUD\_SRINI;

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Reg No | Student Name | Total | Average | Class |
| 1001 | Anand | 481 | 96.2 | First Class with Distinction |
| 1002 | Vidyasagar | 433 | 86.6 | First Class |
| 1012 | Parvathi | 282 | 56.4 | Second Class |

1. **Write a query to have the following output**

|  |  |  |  |
| --- | --- | --- | --- |
| Percentage | Male | Female | Total |
| Above 90% | 3 | 5 | 8 |
| 60-90% | 4 | 0 | 4 |
| Less Than 60% | 0 | 1 | 1 |

SELECT

CASE (WHEN(Tamil+English+Maths+Science+Social)/5) > 90 THEN 'Secured above 90%'

WHEN(Tamil+English+Maths+Science+Social)/5 BETWEEN 60 AND 90 THEN 'Secured 60-90%'

WHEN(Tamil+English+Maths+Science+Social)/5 < 60 THEN 'Less than 60%' END

COUNT(Sex) 'Gender',

COUNT(DECODE(Sex,'Male',1,NULL)) 'Male', COUNT(DECODE(Sex,'Female',1,NULL)) 'Female',

FROM Stud\_srini;

1. **Write a query to have the following output**

**List of students who secured centum subject wise**

**Subject No. of Student**

Tamil 1

English 1

Science 3

Maths 4

Social Science 2

SELECT COUNT(DECODE(Tamil,100,1,NULL)) AS Tamil,

COUNT(DECODE(English,100,1,NULL)) AS English,

COUNT(DECODE(Science,100,1,NULL)) AS Science,

COUNT(DECODE(Maths,100,1,NULL)) AS Maths,

COUNT(DECODE(Social,100,1,NULL)) AS Social

FROM Stud\_srini;