**Write a query for the following**

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

**SELECT student\_name "students Name",**

**((tamil + english)/200)\*100 MARK**

**FROM student**

**WHERE ((tamil + english)/200)\*100 >85;**

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

**SELECT \***

**FROM student**

**WHERE (tamil >90 Or english > 75) AND maths <75;**

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”

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 |

**SELECT reg\_no "Reg No",**

**student\_name "Student Name",**

**(tamil+english+science+maths+social\_science) "Total",**

**((tamil+english+science+maths+social\_science)/500)\*100 "Avg" ,**

**(CASE WHEN ((tamil+english+science+maths+social\_science)/500)\*100 > 90 THEN 'First Class with Distinction'**

**WHEN ((tamil+english+science+maths+social\_science)/500)\*100 BETWEEN 60 and 90 then 'First Class '**

**WHEN ((tamil+english+science+maths+social\_science)/500)\*100 < 60 THEN 'First Class with Distinction'**

**END) "Class"**

**FROM student;**

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 ‘Above 90%' Percentage,**

**(SELECT count(student\_nam/e) stud\_name**

**FROM student**

**WHERE ((tamil+english+science+maths+social\_science)/500)\*100 > 90**

**AND sex = 'MALE'**

**GROUP BY sex) "Male",**

**(SELECT count(student\_name) stud\_name**

**FROM student**

**WHERE ((tamil+english+science+maths+social\_science)/500)\*100 > 90**

**AND sex = 'FEMALE'**

**GROUP BY sex) "Female",**

**(SELECT count(student\_name) stud\_name**

**FROM student**

**WHERE ((tamil+english+science+maths+social\_science)/500)\*100 > 90) "Total"**

**FROM DUAL**

**Union All**

**SELECT '60 - 90%' Percentage,**

**(SELECT count(student\_name) stud\_name**

**FROM student**

**WHERE ((tamil+english+science+maths+social\_science)/500)\*100 between 60 AND 90**

**AND sex = 'MALE'**

**GROUP BY sex) "Male",**

**(SELECT count(student\_name) stud\_name**

**FROM student**

**WHERE ((tamil+english+science+maths+social\_science)/500)\*100 between 60 AND 90**

**AND sex = 'FEMALE'**

**GROUP BY sex) "Female",**

**(SELECT count(student\_name) stud\_name**

**FROM student**

**WHERE ((tamil+english+science+maths+social\_science)/500)\*100 between 60 AND 90) "Total"**

**FROM DUAL**

**Union All**

**SELECT 'Less Than 60%' Percentage,**

**(SELECT count(student\_name) stud\_name**

**FROM student**

**WHERE ((tamil+english+science+maths+social\_science)/500)\*100 < 60**

**AND sex = 'MALE'**

**GROUP BY sex) "Male",**

**(SELECT count(student\_name) stud\_name**

**FROM student**

**WHERE ((tamil+english+science+maths+social\_science)/500)\*100 < 60**

**AND sex = 'FEMALE'**

**GROUP BY sex) "Female",**

**(SELECT count(student\_name) stud\_name**

**FROM student**

**WHERE ((tamil+english+science+maths+social\_science)/500)\*100 < 60) "Total"**

**FROM DUAL;**

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 'Tamil' Subject,**

**count(\*) "No. of Student"**

**FROM Student**

**WHERE Tamil = 100**

**UNION ALL**

**SELECT 'English' Subject,**

**count(\*) "No. of Student"**

**FROM Student**

**WHERE English = 100**

**UNION ALL**

**SELECT 'Maths' Subject,**

**count(\*) "No. of Student"**

**FROM Student**

**WHERE Maths = 100**

**UNION ALL**

**SELECT 'Social' Subject,**

**count(\*) "No. of Student"**

**FROM Student**

**WHERE social\_science = 100**

**UNION ALL**

**SELECT 'Science' Subject,**

**count(\*) "No. of Student"**

**FROM Student**

**WHERE Science = 100**