SELECT with various clause – BETWEEN, IN, Aggregate function

IN & BETWEEN

1. List the type of the courses "Statistics" and "Programming"

2. The instructor wants to know the CourseNos whose scores are in the range 50 to 80

AGGREGATE

1. Find the average mark of "C002".

```
mysql> select avg(Score) from StudentScores where CourseNo='C002';

+-----+
| avg(Score) |

+-----+
| 75.0000 |

+-----+
1 row in set (0.00 sec)
```

2. List the maximum, minimum mark for "C021"

```
mysql> select max(Score),MIN(Score) from StudentScores where CourseNo='C002';

| max(Score) | MIN(Score) |

| 85 | 65 |

| row in set (0.02 sec)

mysql> _
```

List the maximum, minimum, average mark for each subject in 5th semester

List the name of the courses and average mark of each courses.

5. Calculate the sum of all the scores.

```
mysql> select sum(score) from StudentScores;

| sum(score) |

+-----+
| 465 |

+-----+
1 row in set (0.00 sec)

mysql> _
```

6. How many students are registered for each course? Display the

course description and the number of students registered in each course.

7. How many courses did each student register for? Use Assessment table.