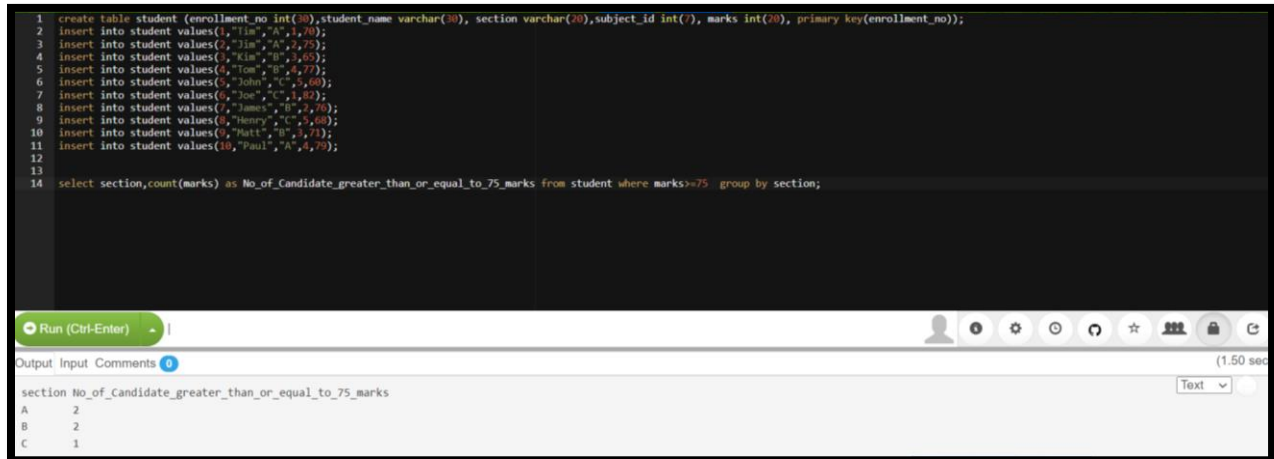


SQL

At St. Xavier's College, a Faculty has the following data in My SQL in database named as Class having table student related to Semester Examination.



```
1 create table student (enrollment_no int(30), student_name varchar(30), section varchar(20), subject_id int(7), marks int(20), primary key(enrollment_no));
2 insert into student values(1, "Tim", "A", 1, 70);
3 insert into student values(2, "Jim", "A", 2, 75);
4 insert into student values(3, "Kim", "B", 3, 65);
5 insert into student values(4, "Tom", "B", 4, 77);
6 insert into student values(5, "John", "C", 5, 60);
7 insert into student values(6, "Joe", "C", 1, 82);
8 insert into student values(7, "James", "B", 2, 76);
9 insert into student values(8, "Henry", "C", 5, 68);
10 insert into student values(9, "Matt", "B", 3, 71);
11 insert into student values(10, "Paul", "A", 4, 79);
12
13
14 select section, count(marks) as No_of_Candidate_greater_than_or_equal_to_75_marks from student where marks >= 75 group by section;
```

Run (Ctrl-Enter)

Output Input Comments (1.50 sec)

section	No_of_Candidate_greater_than_or_equal_to_75_marks
A	2
B	2
C	1

EXPLANATION:

- Create a table as a student and create a given column in the statement.

CODE:

```
create table student (enrollment_no int(30), student_name varchar(30), section varchar(20), subject_id int(7), marks int(20), primary key(enrollment_no));
```

- Insert ten values in the respected column.

CODE:

```
insert into student values(1, "Tim", "A", 1, 70);
insert into student values(2, "Jim", "A", 2, 75);
insert into student values(3, "Kim", "B", 3, 65);
insert into student values(4, "Tom", "B", 4, 77);
insert into student values(5, "John", "C", 5, 60);
insert into student values(6, "Joe", "C", 1, 82);
insert into student values(7, "James", "B", 2, 76);
insert into student values(8, "Henry", "C", 5, 68);
insert into student values(9, "Matt", "B", 3, 71);
insert into student values(10, "Paul", "A", 4, 79);
```

- Finding the Number of candidates who have secured more than or equal to 75 marks in the Semester Exam.

CODE:

```
select section, count(marks) as No_of_Candidate_greater_than_or_equal_to_75_marks from student
where marks>=75 group by section;
```

- The screenshot of the output is attached at the up of the page.