

Name : Rajkumar B L  
Reg.No : 2047120  
Course : MCS 271 DS (Lab Test 01)

## Output:

### 1. Welcome

```
Ubuntu 20.04 LTS
kumarranj@kumarranj:~/MCS_271/LabTest$ gcc lt1.c
kumarranj@kumarranj:~/MCS_271/LabTest$ ./a.out

Welcome to Christ !!!
=====
                Menu
=====
1. Read N Students
2. Display All Students
3. Display Highest Mark
4. Split the list
5. Exit
=====
Enter your choice:
```

## Choice1:

Enter your choice: 1

Enter no of students to be added: 4

~~~~~

Student 1

~~~~~

Enter Name: Raj

Enter RollNo: 20

Enter Mark: 30

Student Inserted!

~~~~~

~~~~~

Student 2

~~~~~

Enter Name: chui

Enter RollNo: 33

Enter Mark: 70

Student Inserted!

~~~~~

~~~~~

Student 3

~~~~~

Enter Name: chan

Enter RollNo: 30

Enter Mark: 39

Student Inserted!

~~~~~

~~~~~

Student 4

~~~~~

Enter Name: Sonali

Enter RollNo: 43

Enter Mark: 100

Student Inserted!

~~~~~

## Choice2:

```
=====
Menu
=====
1. Read N Students
2. Display All Students
3. Display Highest Mark
4. Split the list
5. Exit
=====
Enter your choice: 2

~~~~~
Student 1
~~~~~
Name: Raj
RollNo: 20
Mark: 30
~~~~~

~~~~~
Student 2
~~~~~
Name: chui
RollNo: 33
Mark: 70
~~~~~

~~~~~
Student 3
~~~~~
Name: chan
RollNo: 30
Mark: 39
~~~~~

~~~~~
Student 4
~~~~~
Name: Sonali
RollNo: 43
Mark: 100
```

Choice3:

```
=====
=====
Menu
=====
1. Read N Students
2. Display All Students
3. Display Highest Mark
4. Split the list
5. Exit
=====
Enter your choice: 3

~~~~~
High Mark Student
~~~~~
Roll No: 43
Name: Sonali
Mark: 100
~~~~~
```

Choice4:

```
~~~~~
Passed Students
~~~~~

~~~~~
Student 1
~~~~~
Name: chui
RollNo: 33
Mark: 70
~~~~~

~~~~~
Student 2
~~~~~
Name: sonali
RollNo: 43
Mark: 100
~~~~~
~~~~~End~~~~~
=====

~~~~~
Failed Students
~~~~~

~~~~~
Student 1
~~~~~
Name: raj
RollNo: 20
Mark: 20
~~~~~

~~~~~
Student 2
~~~~~
Name: chan
RollNo: 30
Mark: 39
~~~~~
```