



RIPHAH

INTERNATIONAL UNIVERSITY

Name = Muhammad Waleed Sattar

SAP = 55700

Section = BS SE 3-2

DSA LAB 08:

Task1:

D: > DSA > DSA LAB > Lab-08 > Task_1.cpp > Student

```
1 //Task 1
2 #include <iostream>
3 #include <string>
4
5 using namespace std;
6
7 class Student {
8 private:
9     int registrationNumber; // Changed variable names for clarity
10    string name;
11    float cgpa;
12
13 public:
14     // Default constructor to initialize member variables
15     Student() : registrationNumber(0), name(""), cgpa(0.0f) {}
16
17     // Method for inputting student information
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\mwale> cd "d:\DSA\DSA LAB\Lab-08\" ; if ($?) { g++ Task_1.cpp -o Task_1 } ; if ($?) { .\Task_1 }
Enter the desired stack size: 4
```

Menu Options:

1. Add Student
2. Remove Student
3. Exit

Choose an option: 1

Please input Registration Number: 56

Please input Student Name: waleed

Please input CGPA: 3.02