

# QUIZ-1 OOPs LAB

## AARYAN KUMAR

### CSSE-2

CODE FROM IDE:

```
#include <iostream>
using namespace std;

class student{
private:
    string name_8134;
    int rollno_8134;
    int age_8134;
    string section_8134;

public:
    void get_data(){
        cout << "Name of the student: ";
        cin >> name_8134;
        cout << "Rollno of the student: ";
        cin >> rollno_8134;
        cout << "Age of the student: ";
        cin >> age_8134;
        cout << "Section of the student: ";
        cin >> section_8134;
    }

    void display_data(){
        cout << "\nName of the student: " << name_8134;
        cout << "\nRollno of the student: " << rollno_8134 ;
        cout << "\nAge of the student: " << age_8134;
        cout << "\nSection of the student: " << section_8134;
    }
} s;

class mark{
private:
```

```

    int oop_theory_8134;
    int oop_lab_8134;
    int dsa_theory_8134;
    int dsa_lab_8134;

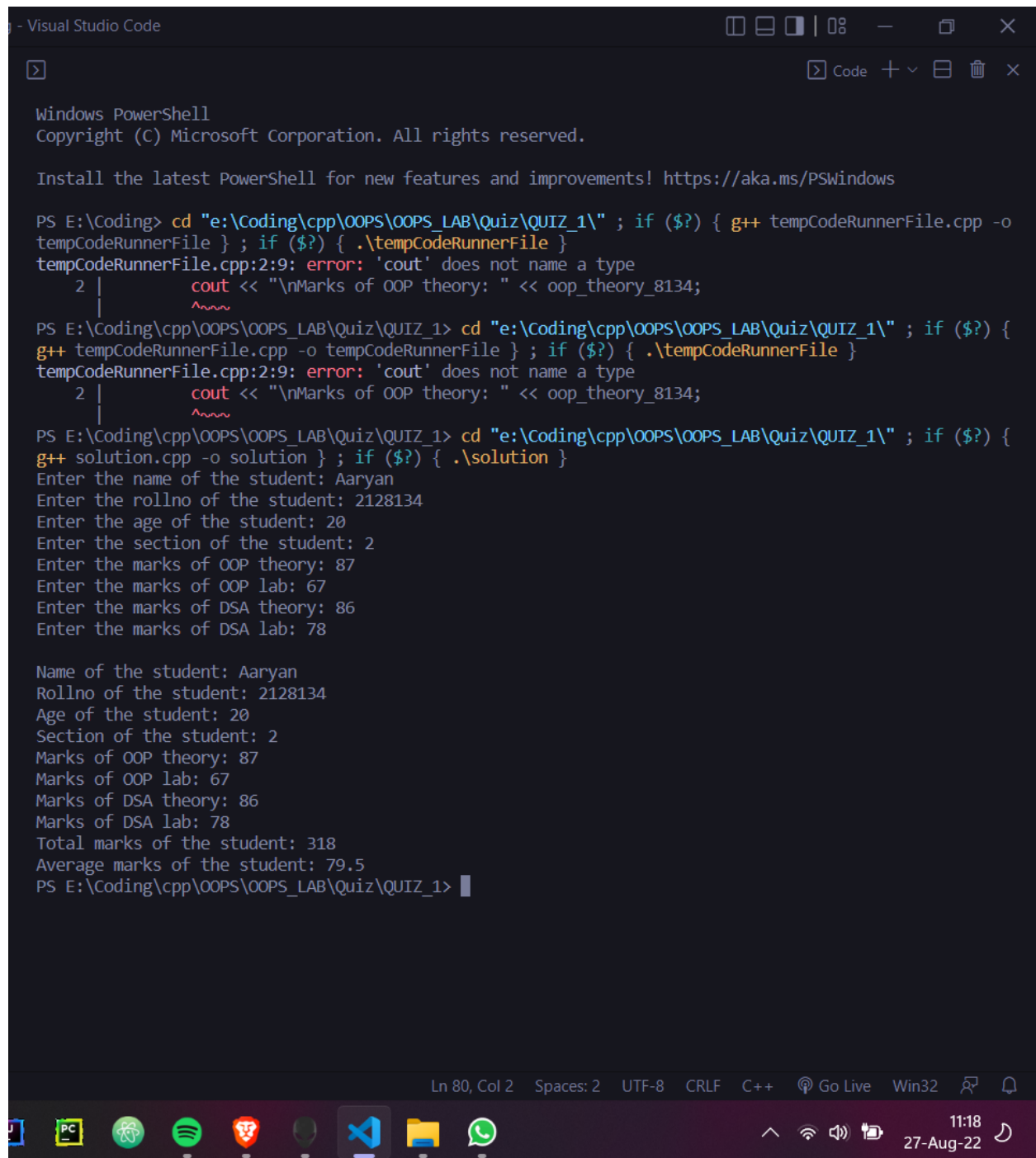
public:
    void get_marks(){
        cout << "Enter the marks of OOP theory: ";
        cin >> oop_theory_8134;
        cout << "Enter the marks of OOP lab: ";
        cin >> oop_lab_8134;
        cout << "Enter the marks of DSA theory: ";
        cin >> dsa_theory_8134;
        cout << "Enter the marks of DSA lab: ";
        cin >> dsa_lab_8134;
    }
    void display_marks(){
        cout << "\nMarks of OOP theory: " << oop_theory_8134;
        cout << "\nMarks of OOP lab: " << oop_lab_8134;
        cout << "\nMarks of DSA theory: " << dsa_theory_8134;
        cout << "\nMarks of DSA lab: " << dsa_lab_8134;
    }

    int total_marks(){
        return oop_theory_8134 + oop_lab_8134 + dsa_theory_8134 +
dsa_lab_8134;
    }
    float average_marks(){
        return (float)(oop_theory_8134 + oop_lab_8134 + dsa_theory_8134 +
dsa_lab_8134) / 4;
    }
} m;

int main(){
    s.get_data();
    m.get_marks();
    s.display_data();
    m.display_marks();
    cout << "\nTotal marks of the student: " << m.total_marks();
    cout << "\nAverage marks of the student: " << m.average_marks();
}

```

OUTPUT SS:



```
Visual Studio Code
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS E:\Coding> cd "e:\Coding\cpp\OOPS\OOPS_LAB\Quiz\QUIZ_1\" ; if ($?) { g++ tempCodeRunnerFile.cpp -o
tempCodeRunnerFile } ; if ($?) { .\tempCodeRunnerFile }
tempCodeRunnerFile.cpp:2:9: error: 'cout' does not name a type
  2 |         cout << "\nMarks of OOP theory: " << oop_theory_8134;
    |         ^~~~~
PS E:\Coding\cpp\OOPS\OOPS_LAB\Quiz\QUIZ_1> cd "e:\Coding\cpp\OOPS\OOPS_LAB\Quiz\QUIZ_1\" ; if ($?) {
g++ tempCodeRunnerFile.cpp -o tempCodeRunnerFile } ; if ($?) { .\tempCodeRunnerFile }
tempCodeRunnerFile.cpp:2:9: error: 'cout' does not name a type
  2 |         cout << "\nMarks of OOP theory: " << oop_theory_8134;
    |         ^~~~~
PS E:\Coding\cpp\OOPS\OOPS_LAB\Quiz\QUIZ_1> cd "e:\Coding\cpp\OOPS\OOPS_LAB\Quiz\QUIZ_1\" ; if ($?) {
g++ solution.cpp -o solution } ; if ($?) { .\solution }
Enter the name of the student: Aaryan
Enter the rollno of the student: 2128134
Enter the age of the student: 20
Enter the section of the student: 2
Enter the marks of OOP theory: 87
Enter the marks of OOP lab: 67
Enter the marks of DSA theory: 86
Enter the marks of DSA lab: 78

Name of the student: Aaryan
Rollno of the student: 2128134
Age of the student: 20
Section of the student: 2
Marks of OOP theory: 87
Marks of OOP lab: 67
Marks of DSA theory: 86
Marks of DSA lab: 78
Total marks of the student: 318
Average marks of the student: 79.5
PS E:\Coding\cpp\OOPS\OOPS_LAB\Quiz\QUIZ_1>
```

Ln 80, Col 2 Spaces: 2 UTF-8 CRLF C++ Go Live Win32 11:18 27-Aug-22