PRACTICAL-1

Ques: Find out the percentage and the average of the marks of a student

```cpp
#include <iostream>

using namespace std;

class student{
    double sub1, sub2, sub3, sub4, sub5;
    double total_marks_per_sub = 100;
    double total_marks_scored;

    public:

    void set_marks(double sub1, double sub2,double sub3,double sub4,double sub5){
        this->sub1 = sub1;
        this->sub2 = sub2;
        this->sub3 = sub3;
        this->sub4 = sub4;
        this->sub5 = sub5;

        total_marks_scored = sub1 + sub2 + sub3 + sub4 + sub5;
    }

    double average_marks(){
        return total_marks_scored/5;
    }
    double percentage(){
        return (total_marks_scored/(5*total_marks_per_sub))*100;
    }
};

int main(){
    student student1;
    double s1, s2, s3, s4, s5;
    cout << "Enter the marks of the five subjects: ";
    cin >> s1 >> s2 >> s3 >> s4 >> s5;
    student1.set_marks(s1, s2, s3, s4, s5);
    cout << student1.average_marks() << endl;
    cout << student1.percentage() << endl;
}
```

Code Output:

```
Enter the marks of the five subjects: 20.8 19 70 65.8 45
44.12
44.12
Program ended with exit code: 0
```