

## VIT - Vellore

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### BCSE102P\_Structured and Object Oriented Programming Lab\_VL2024250502365

#### VIT V\_Structured and OOP\_Lab 4\_COD\_Easy\_Array within Structure

Attempt : 1

Total Mark : 10

Marks Obtained : 10

#### Section 1 : Coding

##### 1. Problem Statement

Create a structure-based program to enter the marks of students in Tamil, English, Chemistry, Mathematics, and Physics (each out of 100) using a structure named Marks having elements roll no., name, tamil\_marks, english\_marks, chem\_marks, maths\_marks, and phy\_marks and then display the average. Get n student details and print their average

##### Answer

```
// You are using GCC
#include<stdio.h>
struct marks{
    int roll_no;
    char name[100];
    int tamil_marks;
```

```
int eng_marks;
int chem_marks;
int math_marks;
int phy_marks;
};
int main(){
    struct marks s[10];
    int n;
    float average;
    scanf("%d",&n);
    for(int i = 0; i < n; i++){
        scanf("%d %s %d %d %d %d %d",&s[i].roll_no,&s[i].name,&s[i].tamil_marks,&s[i].eng_marks,&s[i].chem_marks,&s[i].phy_marks,&s[i].math_marks);
        average = (s[i].tamil_marks+s[i].eng_marks+s[i].chem_marks+s[i].phy_marks+s[i].math_marks)/5.0;
        printf("%.2f ",average);
    }
    return 0;
}
```

**Status :** Correct

**Marks : 10/10**