

VIT - Vellore

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BCSE102P_Structured and Object Oriented Programming Lab_VL2024250502365

VIT V_Structured and OOP_Lab 4_COD_Easy_Pointers to Structure

Attempt : 1
Total Mark : 10
Marks Obtained : 10

Section 1 : Coding

1. Problem Statement

Maya is a class teacher who wants to maintain a record of her students' details, including their roll numbers, names, and marks. She wants to display these details in a structured format to track students' progress effectively. Using the concept of structures and pointers, write a program to help Maya display the details of her students.

Answer

```
// You are using GCC  
#include<stdio.h>
```

```
struct Students{  
    int roll_no;  
    char name[50];
```

```
float marks;
};

int main(){
    struct Students s[50];
    int n;
    scanf("%d\n",&n);

    for(int i = 0; i<n; i++){
        scanf("%d %s %f ",&s[i].roll_no,s[i].name,&s[i].marks);
    }

    printf("Details of all students \n");
    for(int i = 0; i < n; i++){
        printf("Student %d\n",i+1);
        printf("Roll no: %d\n",s[i].roll_no);
        printf("Name: %s\n",s[i].name);
        printf("Marks: %.2f\n",s[i].marks);
    }

    return 0;
}
```

Status : Correct

Marks : 10/10