**C++ Program to Store and Display Information Using Structure**

This program stores the information (name, roll and marks) of 10 students using structures.

To understand this example, you should have the knowledge of the following [C++ programming](https://www.programiz.com/cpp-programming) topics:

* [C++ Arrays](https://www.programiz.com/cpp-programming/arrays)
* [C++ Structures](https://www.programiz.com/cpp-programming/structure)

In this program, a structure, student is created.

This structure has three members: name (string), roll (integer) and marks (float).

Then, we created a structure array of size 10 to store information of 10 students.

Using [for loop](https://www.programiz.com/cpp-programming/for-loop), the program takes the information of 10 students from the user and displays it on the screen.

**Example: Store Information in Structure and Display it**

#include <iostream>

using namespace std;

struct student

{

char name[50];

int roll;

float marks;

} s[10];

int main()

{

cout << "Enter information of students: " << endl;

// storing information

for(int i = 0; i < 10; ++i)

{

s[i].roll = i+1;

cout << "For roll number" << s[i].roll << "," << endl;

cout << "Enter name: ";

cin >> s[i].name;

cout << "Enter marks: ";

cin >> s[i].marks;

cout << endl;

}

cout << "Displaying Information: " << endl;

// Displaying information

for(int i = 0; i < 10; ++i)

{

cout << "\nRoll number: " << i+1 << endl;

cout << "Name: " << s[i].name << endl;

cout << "Marks: " << s[i].marks << endl;

}

return 0;

}

**Output**

Enter information of students:

For roll number1,

Enter name: Tom

Enter marks: 98

For roll number2,

Enter name: Jerry

Enter marks: 89

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Displaying Information:

Roll number: 1

Name: Tom

Marks: 98

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