

Assignment

StudentDetails => initialize in class

stdid -> int

stname -> string

collegename -> string

degree -> string

score -> float

print the details in main method

PROGRAM:

```
#include <iostream>
```

```
using namespace std;
```

```
class StudentDetails {
```

```
public:
```

```
    int stdid;
```

```
    string stname;
```

```
    string collegename;
```

```
    string degree;
```

```
    float score;
```

```
// Method to input values
```

```
void input(int id1, string name1, string clg, string deg, float marks) {
```

```
    stdid = id1;
```

```
    stname = name1;
```

```
    collegename = clg;
```

```

        degree = deg;

        score = marks;
    }

// Method to display details
void disp() {
    cout << "Student ID : " << stdid << endl;
    cout << "Student Name : " << stname << endl;
    cout << "College Name : " << collegename << endl;
    cout << "Degree : " << degree << endl;
    cout << "Score : " << score << endl;
    cout << "-----" << endl;
}

};

int main() {
    StudentDetails s1, s2;

    s1.input(101, "Sahana", "SIT", "B.Tech", 89.5);
    s2.input(102, "Sanjana", "SIT", "B.E", 91.2);

    s1.disp();
    s2.disp();

    return 0;
}

```

OUTPUT:

```
C:\Users\sahan\Downloads\se  X + v
Student ID : 101
Student Name : Sahana
College Name : SIT
Degree : B.Tech
Score : 89.5
-----
Student ID : 102
Student Name : Sanjana
College Name : SIT
Degree : B.E
Score : 91.2
-----

-----
Process exited after 1.433 seconds with return value 0
Press any key to continue . . . |
```