**program 5:**

**Name:-Soham Pokharkar**

**Roll No:- A- D3**

#include <iostream>

#include <string>

using namespace std;

class Student {

private:

string name;

int age;

string course;

public:

Student(string name, int age, string course) : name(name), age(age), course(course) {

cout << "Constructor called" <<endl;

}

Student() {

cout << "Destructor called" << endl;

}

void displayInfo() {

cout << "Name: " << name << endl;

cout << "Age: " << age << endl;

cout << "Course: " << course << endl;

}

};

int main() {

Student student1("Soham", 20, "AI");

student1.displayInfo();

return 0;

}

output:

