#include<iostream>

using namespace std;

//struct TestStruct {

//public:

// int data1;

// int data2;

//};

//class TestClass {

//private:

// int data1;

//public:

// int data2;

//};

//

//void main() {

// //TestStruct ts;

// TestClass tc;

// tc.data1 = 100;

// cout << tc.data1 << endl;

//

//}

//variables - field,member,attribute

//functions - method,member,attribute

//class Student {

//private:

// int age;

// int score;

//public:

// void Initial(int a, int s) {

// age = a;

// score = s;

// }

// void Show() {

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

// cout << "Score : " << score << endl;

// }

//};

//void main() {

// Student s;

// s.Initial(22, 98);

// s.Show();

//}

class Product {

private:

char \_name[30]{};

double \_price;

double \_discount;

public:

Product()

{

cout << "Default constructor" << endl;

strcpy\_s(\_name, "no name");

\_price = 0;

\_discount = 0;

}

Product(const char\*n,double p,double d)

{

cout << "Parametric constructor" << endl;

strcpy\_s(\_name, n);

\_price = p;

\_discount = d;

}

void SetData(const char\* n, double p, double d) {

strcpy\_s(\_name, n);

\_price = p;

\_discount = d;

}

void Show() {

cout << "Product Info" << endl;

cout << "Name : " << \_name << endl;

cout << "Price : " << \_price << endl;

cout << "Discount : " << \_discount << endl;

}

};

void main() {

//Product p("Samsung",1000,10);

//p.Show();

//Product p2;

//p2.SetData("Iphone", 200, 1);

//p2.Show();

}