#include <iostream>

#include <conio.h>

#include <string.h>

using namespace std;

int counter = 0;

class Products

{

public:

string name;

int price;

int id;

public:

void restock()

{

cout << "Enter the product name : " << endl;

cin >> name;

cout << "Enter price : " << endl;

cin >> price;

cout << "Enter Product ID : " << endl;

cin >> id;

counter++;

}

void count()

{

cout << "" << counter;

}

void display()

{

}

};

class Mobiles : public Products

{

string model, company;

public:

void Addm()

{

cout << "Enter the Mobile details\n" << endl;

cout << "Model name :";

cin >> model;

cout << "Brand name:";

cin >> company;

}

void display()

{

cout << "Mobile" << endl;

cout << "" << name;

cout << "" << id;

cout << "" << price;

cout << "" << model;

cout << "" << company;

}

};

class Laptops :public Products

{

string Company, Type;

public:

void AddL()

{

cout << "Enter the details of the laptop\n";

cout << "Brand name:";

cin >> Company;

cout << "Type:";

cin >> Type;

}

void display()

{

cout << "Laptop" << endl;

cout << "" << name;

cout << "" << id;

cout << "" << price;

cout << "" << Company;

cout << "" << Type;

}

};

class Accessories :public Products

{

string type;

public:

void AddA()

{

cout << "Enter the details of accessory\n";

cout << "Type of accessory:";

cin >> type;

}

void display()

{

cout << "Accessories" << endl;

cout << "" << name;

cout << "" << id;

cout << "" << price;

cout << "" << type;

}

};

class Billing : public Mobiles, public Laptops, public Accessories

{

int total;

public:

void Bill()

{

total = price + (10 / price) \* 100;

}

void displaybill()

{

cout << "\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*";

cout << "BILL";

cout << "\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*";

cout << name;

cout << price;

cout << total;

}

};

int main()

{

Products p;

int choice;

while (1)

{

cout << "Menu" << endl;

cout << "1.Add Item to stock" << endl;

cout << "2.Count number of items" << endl;

cout << "3.Display the items" << endl;

cout << "4.Exit" << endl;

cout << "Enter your choice" << endl;

cin >> choice;

switch (choice)

{

case 1:

p.restock();

break;

case 2:

p.count();

break;

case 3:

p.display();

break;

case 4:

break;

}

\_getch();

return 0;

}

}