

学号	姓名	提交时间	总分	成绩
20225102010218	赵文轩	2023-05-09 11:33:38	100	100

1. 【简答题】

得分：100/100

购物结算模块：

```
Problems Console
<terminated> WhileTest (1) [Java Application] C:\Program Files\Java\jre1.8.0_74\bin\javaw.exe (2021年1月11日 下午6:43:25)
myshopping管理系统》购物结算
*****
请选择购买的商品编号：
  1. T恤    2. 网球鞋    3. 网球拍
请输入商品编号
1
T恤 ¥570
是否继续 (y/n) :
y
请输入商品编号
2
网球鞋 ¥245
是否继续 (y/n) :
n
程序结束，祝您愉快
```

The screenshot displays the MyEclipse IDE interface. The main editor window shows the source code for a Java class named `za.java` located in the `com.one` package. The code implements a shopping application that prompts the user to enter a product ID and calculates the total price based on a menu of items: T-shirt (ID 1, price 500), Badminton (ID 2, price 220), and Football (ID 3, price 225). The application uses a `Scanner` for input and a `for` loop to process the user's choice. The console output at the bottom shows the execution results, including the user's input and the program's output.

```
package com.one;

import java.util.Scanner;

;

public class za {
    public static void main(String[] args) {

        System.out.println("myshopping...");
        System.out.println("*****");
        System.out.println("请选择购买的商品编号");
        System.out.println("1.T恤 2.羽毛球 3.足球");
        int j=0;
        for(;;true){
            Scanner sc = new Scanner(System.in);
            System.out.println("请输入商品编号");
            int num = sc.nextInt();
            if(num==1){
                int a=500; j+=a;
                System.out.println("T恤 Y500");
            }
            if(num==2){
                int b = 220; j+= b;
                System.out.println("羽毛球 Y220");
            }
            if(num==3) {
                int v = 225; j+= v;
                System.out.println("足球 Y255");
            }
            System.out.println("是否继续y/n");
            String str = sc.next();
            if(str.equals("n"))
            {

                break;
            }
        }
        System.out.println("价格为" + j);
        System.out.println("运行结束, 祝您愉快");
    }
}
```

Console Output:

```
<terminated> za [Java Application] C:\Users\Lenovo\AppData\Local\Genuitec\Common\
是否继续y/n
y
请输入商品编号
3
足球 Y255
是否继续y/n
n
价格为945
运行结束, 祝您愉快
```

参考答案 : 购物结算模块