2. An online retailer sells two products: widgets and gizmos. Each widget weighs 75 grams. Each

gizmo weighs 112 grams. Write a program that reads the number of widgets and the number of

gizmos from the user. Then your program should compute and display the total weight of the

parts.

Sample Input: 10 20

Sample Output: The total weight of all these widgets and gizmos is 2990 grams.

Code:

```java
import java.util.Scanner;

class Weight {

    public static void main(String[] args){

        Scanner s = new Scanner(System.in);

        System.out.print("Enter the number of widgets: ");

        int a = s.nextInt();

        System.out.print("Enter the number of gizmos: ");

        int b = s.nextInt();

        int c = (a * 75) + (b * 112);

        System.out.println("The total weight of all these widgets and gizmos is " + c + " grams.");
```

```
        s.close();

    }

}
```

```
E:\javacode.java\practice.java>javac Weight.java

E:\javacode.java\practice.java>java Weight
Enter the number of widgets: 10
Enter the number of gizmos: 20
The total weight of all these widgets and gizmos is 2990 grams.

E:\javacode.java\practice.java>_
```