

```
1 package pri;
2 import java.util.Scanner;
3
4 public class ValidatePin {
5     public static void main(String[] args) {
6         final int VALID_PIN = 1234;
7         Scanner scanner = new Scanner(System.in);
8         int enteredpin = -1;
9         System.out.println("please enter your PIN:");
10        while(enteredpin != VALID_PIN) {
11            enteredpin = scanner.nextInt();
12            if(enteredpin != VALID_PIN) {
13                System.out.println("incorrect PIN.please try again");
14            }
15        }
16        scanner.close();
17        System.out.println("correct PIN entered.you now have access to your account");
18    }
19 }
20 }
21 }
```

Console ×

<terminated> ValidatePin [Java Application] C:\Users\MAITHREYEE\Downloads\eclipse-jee-2024-06-R-win32-x86_64\eclipse\plugins\org.eclipse

please enter your PIN:

1234

correct PIN entered.you now have access to your account

```
1 package pri;
2 import java.util.Scanner;
3 public class DisplayMultiples {
4     public static void main(String[] args) {
5
6         Scanner scanner = new Scanner(System.in);
7
8         System.out.print("Choose a number: ");
9         int number = scanner.nextInt();
10
11         for (int i = 1; i <= 12; i++) {
12             System.out.println(number + "x" + i + " = " + (number * i));
13         }
14
15         scanner.close();
16     }
17 }
18
```

Console X

<terminated> DisplayMultiples [Java Application] C:\Users\MAITHREYEE\Downloads\eclipse-jee-2024-06-R-win32-x86_64\eclipse\plugins\org.e

Choose a number: 12

12x1 = 12

12x2 = 24

12x3 = 36

12x4 = 48

12x5 = 60

12x6 = 72

12x7 = 84

12x8 = 96

12x9 = 108

12x10 = 120

12x11 = 132

12x12 = 144

```
18     }
19     System.out.println();
20 }
21 }
22
23 public static void createTriangle(int leg) {
24     if (leg < 1) {
25         System.out.println("Invalid dimension. Leg length must be greater than 0.");
26         return;
27     }
28
29     for (int i = 1; i <= leg; i++) {
30         for (int j = 0; j < i; j++) {
31             System.out.print("#");
32         }
33         System.out.println();
34     }
35 }
36 }
37
```

Console ×

<terminated> LoopShape [Java Application] C:\Users\MAITHREYEE\Downloads\eclipse-jee-2024-06-R-win32-x86_64\eclipse\plugins\org.eclips

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