

Package Explorer X Main.java Main1.java ComputeMetho... ColorRange.java TrafficLigh... ProcessName... TrafficLigh... ValidatePin... *LoopShape.java X 1 Task List Find All Ac Outline X Practice LoopShape main(String[] args) createHollowRectangle(5, 4); System.out.println(); createHollowTriangle(5); public class LoopShape { public static void main(String[] args) { createHollowRectangle(5, 4); System.out.println(); createHollowTriangle(5); } public static void createHollowRectangle(int width, int height) { if (width < 1 || height < 1) { System.out.println("Invalid dimensions for the rectangle."); return; } for (int i = 0; i < height; i++) { for (int j = 0; j < width; j++) { if (i == 0 || i == height - 1 || j == 0 || j == width - 1) { System.out.print("#"); } else { System.out.print(" "); } } System.out.println(); } } public static void createHollowTriangle(int leg) { if (leg < 1) { System.out.println("Invalid dimension for the triangle."); return; } } } Problems Javadoc Declaration Console X <terminated> LoopShape [Java Application] C:\Users\rjana\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_22.0.1.v20240426-1149\jre\bin\javaw.exe (2 Aug 2024, 6:35:23 pm – 6:35:24 pm) [pid: 16584] ##### Writable Smart Insert 28 : 34 : 848 ENG IN 18:38 02-08-2024 PRE

Package Explorer X Main.java Main1.java ComputeMetho... ColorRange.java TrafficLigh... ProcessName... TrafficLigh... ValidatePin... *LoopShape.java X 1 Task List X

dharshini JRE System Library [JavaSE-15] src dj Practice TEST TrafficSignalOptimization

```
26    }
27    }
28    System.out.println();
29}
30}
31}
32}
33 public static void createHollowTriangle(int leg) {
34     if (leg < 1) {
35         System.out.println("Invalid dimension for the triangle.");
36         return;
37     }
38
39     for (int i = 1; i <= leg; i++) {
40         for (int j = 0; j < i; j++) {
41             if (i == leg || j == 0 || j == i - 1) {
42                 System.out.print("#");
43             } else {
44                 System.out.print(" ");
45             }
46         }
47         System.out.println();
48     }
49 }
50 }
51 }
```

Problems Javadoc Declaration Console X

<terminated> LoopShape [Java Application] C:\Users\rjana\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_22.0.1.v20240426-1149\jre\bin\javaw.exe (2 Aug 2024, 6:35:23 pm – 6:35:24 pm) [pid: 16584]

```
#####
# #
# #
#####
#
##
# #
# #
#####

```

Package Explorer X Main.java Main1.java ComputeMethods.java ColorRange.java TrafficLightCheaker.java ProcessName.java TrafficLightChecker.java DisplayMultiples.java Task List X

```
1 package Practice;
2 //Develop a java program to calculate the multiples of a given number using a for loop.
3 import java.util.Scanner;
4
5 public class DisplayMultiples {
6     public static void main(String[] args) {
7         Scanner scanner = new Scanner(System.in);
8
9         System.out.print("Choose a number: ");
10        int number = scanner.nextInt();
11
12        for (int i = 1; i <= 12; i++) {
13            System.out.println(number + "x" + i + " = " + (number * i));
14        }
15
16        scanner.close();
17    }
18 }
19
```

Find All Ac

Outline X Practice DisplayMultiples main(String[])

Problems Javadoc Declaration Console X

<terminated> DisplayMultiples [Java Application] C:\Users\rjana\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_22.0.1.v20240426-1149\jre\bin\javaw.exe (2 Aug 2024, 6:42:03 pm – 6:42:09 pm) [pid: 9384]

Choose a number: 13
13x1 = 13
13x2 = 26
13x3 = 39
13x4 = 52
13x5 = 65
13x6 = 78
13x7 = 91
13x8 = 104
13x9 = 117
13x10 = 130
13x11 = 143
13x12 = 156

Package Explorer X Main.java Main1.java ComputeMetho... ColorRange.java TrafficLigh... ProcessName... TrafficLigh... *ValidatePi... LoopShape.java »

dharshini JRE System Library [JavaSE-15] src dj Practice TEST TrafficSignalOptimization

```
1 package Practice;
2 //Develop a java program to validate bank PIN of a customer. Use a while loop to repeat code until a valid PIN is entered.
3 import java.util.Scanner;
4
5 public class ValidatePin {
6     public static void main(String[] args) {
7         Scanner scanner = new Scanner(System.in);
8         final int VALID_PIN = 1234;
9         System.out.print("Enter your PIN: ");
10        int enteredPin = scanner.nextInt();
11        while (enteredPin != VALID_PIN) {
12            System.out.println("Invalid PIN. Please try again.");
13            System.out.print("Enter your PIN: ");
14            enteredPin = scanner.nextInt();
15        }
16        System.out.println("Correct PIN entered. You now have access to your account.");
17
18        scanner.close();
19    }
20 }
21
```

Task List X Find All Ac

Outline X Practice ValidatePin main(String[] args)

Problems Javadoc Declaration Console X

<terminated> ValidatePin [Java Application] C:\Users\rjana\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_22.0.1.v20240426-1149\jre\bin\javaw.exe (2 Aug 2024, 6:39:43 pm – 6:39:57 pm) [pid: 5440]

Enter your PIN: 1243
Invalid PIN. Please try again.
Enter your PIN: 1235
Invalid PIN. Please try again.
Enter your PIN: 1234
Correct PIN entered. You now have access to your account.

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