

Section 6:

```
J prac2.java •
J prac2.java > bleh
1  import java.util.Scanner;
2  class bleh{
    Run | Debug
3      public static void main(String[] args){
4          Scanner in=new Scanner(System.in);
5          System.out.print(s:"Enter the pin: ");
6          int pin=in.nextInt();
7          int valid=2906;
8          int count=0;
9          while(pin!=valid){
10             System.out.print(s:"Enter the correct pin: ");
11             pin=in.nextInt();
12             count++;
13         }
14         System.out.print("Pin is correct!!! Number of tries: "+count);
15         in.close();
16     }
17 }
```

```
J prac2.java •
J prac2.java > ok > main(String[])
1  import java.util.Scanner;
2
3  class ok {
    Run | Debug
4      public static void main(String[] args) {
5          Scanner scanner = new Scanner(System.in);
6          System.out.print(s:"Choose a number: ");
7          int number = scanner.nextInt();
8          for (int i = 1; i <= 12; i++) {
9              System.out.println(number + "x" + i + " = " + (number * i));
10         }
11         scanner.close();
12     }
13 }
14
```

J LoopShape.java X

Run | Debug | Stop | Step Into | Step Over | Step Out | Refresh | Search | bleh

J LoopShape.java > LoopShape

```
1 C:\Users\phani\OneDrive\Desktop\JAVA\LoopShape.java
   Run | Debug
2 public static void main(String[] args) {
3     createRectangle(width:5, height:4);
4     System.out.println();
5     createTriangle(size:5);
6 }
7
8 public static void createRectangle(int width, int height) {
9     if (width < 1 || height < 1) {
10         System.out.println(x:"Width and height must be at least 1.");
11         return;
12     }
13
14     for (int i = 0; i < height; i++) {
15         for (int j = 0; j < width; j++) {
16             System.out.print(s:"#");
17         }
18         System.out.println();
19     }
20 }
21
22 public static void createTriangle(int size) {
23     if (size < 1) {
24         System.out.println(x:"Size must be at least 1.");
25         return;
26     }
27
28     for (int i = 1; i <= size; i++) {
29         for (int j = 0; j < i; j++) {
30             System.out.print(s:"#");
31         }
32         System.out.println();
33     }
34 }
35
```

J LoopShape.java X

Run | Debug | Stop | Step Over | Step Into | Step Out | Breakpoint | Search | bleh

J LoopShape.java > LoopShape

```
1 C:\Users\phani\OneDrive\Desktop\JAVA\LoopShape.java
   Run | Debug
2 public static void main(String[] args) {
3     createRectangle(width:5, height:4);
4     System.out.println();
5     createTriangle(size:5);
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8 public static void createRectangle(int width, int height) {
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10         System.out.println(x:"Width and height must be at least 1.");
11         return;
12     }
13
14     for (int i = 0; i < height; i++) {
15         for (int j = 0; j < width; j++) {
16             System.out.print(s:"#");
17         }
18         System.out.println();
19     }
20 }
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22 public static void createTriangle(int size) {
23     if (size < 1) {
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25         return;
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28     for (int i = 1; i <= size; i++) {
29         for (int j = 0; j < i; j++) {
30             System.out.print(s:"#");
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33     }
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35
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