1.
```java
package pin;
import java.util.Scanner;
public class Pin {
      public static void main(String[] args) {
          int validPin = 1234;

          Scanner scanner = new Scanner(System.in);

          System.out.print("Enter your PIN: ");

          int enteredPin = scanner.nextInt();

          while (enteredPin != validPin) {
              System.out.print("Invalid PIN. Try again: ");
              enteredPin = scanner.nextInt();
          }
          System.out.println("Correct PIN entered. You now have access to
your account.");
      }
}
```

2.
```java
package multiple;
import java.util.Scanner;

public class Multiple {
      public static void main(String[] args) {
              // Create a Scanner object to read user input
              Scanner scanner = new Scanner(System.in);

              // Prompt the user to enter a number
              System.out.print("Choose a number: ");

              // Read the user's input and store it in a variable
              int number = scanner.nextInt();

              // Use a for loop to display the multiples of the number
from 1 to 12
              for (int i = 1; i <= 12; i++) {
                  int multiple = number * i;
                  System.out.println(number + "x" + i + " = " +
multiple);
              }
          }
}
```

3.
```java
package loopshape;

public class Loopshape {
```

```java
    public static void createRectangle(int width, int height) {
        if (width < 1 || height < 1) {
            System.out.println("Cannot draw a shape with a
dimension less than 1.");
            return;
        }

        // Print the top border
        for (int i = 0; i < width; i++) {
            System.out.print("#");
        }
        System.out.println();

        // Print the middle rows
        for (int i = 0; i < height - 2; i++) {
            System.out.print("#");
            for (int j = 0; j < width - 2; j++) {
                System.out.print(" ");
            }
            System.out.println("#");
        }

        // Print the bottom border
        if (height > 1) {
            for (int i = 0; i < width; i++) {
                System.out.print("#");
            }
            System.out.println();
        }
    }

    public static void createTriangle(int size) {
        if (size < 1) {
            System.out.println("Cannot draw a shape with a
dimension less than 1.");
            return;
        }

        // Print the triangle
        for (int i = 0; i < size; i++) {
            for (int j = 0; j <= i; j++) {
                System.out.print("#");
            }
            System.out.println();
        }
    }

    public static void main(String[] args) {
        createRectangle(5, 4);
        System.out.println();
        createTriangle(5);
    }
}
}
```