**TASK \_02:GUESS THE NUMBER**

import java.util.Scanner;  
import java.lang.Math;  
public class GuessingGame {  
  
 public static void main(String[] args) {  
 int no = (int) (Math.*random*() \* 100) + 1;  
 int X = 10;  
 int Round = 1;  
  
 boolean isGameOn = true;  
 System.*out*.println("Press 1 For Start");  
 System.*out*.println("Press 0 For Exist");  
 System.*out*.println("\*\*\*\*\*\*\*--------\*\*\*\*\*\*\*");  
 System.*out*.println("Enter Your Choise");  
  
 int i = GuessTheNumber.*input*.nextInt();  
  
 if (X == 1) {  
 while (true) {  
 System.*out*.println("Round" + Round + "Start......\n");  
 isGameOn = GuessTheNumber.*FindNumber*(Round);  
  
 if (isGameOn) {  
 System.*out*.println("Press 1 For Start");  
 System.*out*.println("Press 0 For Exist");  
 System.*out*.println("Enter Your Choise");  
  
 int j = GuessTheNumber.*input*.nextInt();  
 if (j == 2) {  
 break;  
 }  
 Round += 1;  
 } else {  
 System.*out*.println(" Game Over !");  
 break;  
 }  
 }  
 }  
  
 Scanner input = new Scanner(System.*in*);  
 boolean correct = true;  
  
 System. *out*.println("A number between 1 and 100.");  
 System.*out*.println("You have 10 tries to guess the number.");  
  
 while (X > 0) {  
 System.*out*.println("Enter your Number: ");  
 int guess = input.nextInt();  
  
 if (guess == no) {  
 System.*out*.println("You guessed the number!");  
 System.*out*.println("You have won!");  
 break;  
 }  
  
 else if (guess > no) {  
 System.*out*.println("Your guess is too high.");  
 System.*out*.println("You have " + (X - 1) + " tries left.");  
 X--;  
 }  
  
 else {  
 System.*out*.println("Your guess is too low.");  
 System.*out*.println("You have " + (X - 1) + " tries left.");  
 X--;  
 }  
 }  
  
 if (correct==false) {  
 System.*out*.println("You tries are completed.");  
 System.*out*.println("You lose!");  
 }  
 }  
}