Berina Crnčalo OOP

1.

|  |
| --- |
| import java.util.\*; |
|  | public class Main |
|  | { |
|  | public static void main(String[] args) { |
|  | Scanner sc = new Scanner(System.in); |
|  | String pass = "carrot" ; |
|  | while (true){ |
|  | System.out.println("Type a password : "); |
|  | String str = sc.next(); |
|  | if(str.equals(pass)){ |
|  | System.out.println("Correct!"); |
|  | System.out.println("The secret message is : ggghhy"); |
|  | break; |
|  | } |
|  | else System.out.println("Wrong!") ; |
|  | } |
|  | } |
|  | } |

2.

|  |
| --- |
| import java.util.\*; |
|  | public class Main |
|  | { |
|  | public static void main(String[] args) { |
|  | Scanner reader = new Scanner(System.in); |
|  | int sum = 0 ; |
|  | int read ; |
|  | System.out.print("Type the first number: "); |
|  | int a= reader.nextInt(); |
|  | System.out.print("Type the second number: "); |
|  | int b= reader.nextInt(); |
|  | System.out.print("Type third number: "); |
|  | int c= reader.nextInt(); |
|  | sum = a + b + c ; |
|  | System.out.println("Sum: " + sum) ; |
|  | } |
|  | } |

3.

|  |
| --- |
| import java.util.\*; |
|  | public class Main |
|  | { |
|  | public static void main(String[] args) { |
|  | Scanner reader = new Scanner(System.in); |
|  | int sum = 0 ; |
|  | while(true){ |
|  | int read = Integer.parseInt(reader.nextLine()); |
|  | if(read == 0) { |
|  | break ; |
|  | } |
|  | sum = sum + read ; |
|  | System.out.println("Sum now: " + sum) ; |
|  | } |
|  | System.out.println("Sum in the end: "+ sum); |
|  | } |
|  | } |

4.

|  |
| --- |
| import java.util.\*; |
|  | public class Main |
|  | { |
|  | public static void main(String[] args) { |
|  | Scanner reader = new Scanner(System.in); |
|  | System.out.println("First: "); |
|  | int a = reader.nextInt(); |
|  | System.out.println("Last: "); |
|  | int b= reader.nextInt() ; |
|  | int i = a ; |
|  | while(i!=b){ |
|  | if(a>b) break ; |
|  | else{ |
|  | System.out.println(i); |
|  | i++ ; |
|  | } |
|  | } |
|  | } |
|  | } |

5.

|  |
| --- |
| import java.util.\*; |
|  | public class Main |
|  | { |
|  | public static void main(String[] args) { |
|  | Scanner reader = new Scanner(System.in); |
|  | System.out.println("Enter number: "); |
|  | int a = reader.nextInt(); |
|  | int result = 0; |
|  | for (int i = 0;i<=a ;i++ ){ |
|  | result += Math.pow(2,i) ; |
|  | } |
|  | System.out.println("Result: " + result); |
|  | } |
|  | } |

6.

|  |
| --- |
| import java.util.\*; |
|  | public class Main{ |
|  | public static void main(String[] args) { |
|  | printText(); |
|  | } |
|  | public static void printText(){ |
|  | System.out.println("In the beginning there were the swamp, the hoe and Java."); |
|  | } |
|  | } |

7.

|  |
| --- |
| import java.util.\*; |
|  | public class Main{ |
|  | public static void main(String[] args) { |
|  | printStars(5); |
|  | printStars(3); |
|  | printStars(9); |
|  | } |
|  | public static void printStars(int amount){ |
|  | for (int i = 0 ;i<=amount ;i++ ){ |
|  | System.out.print("\*") ; |
|  | } |
|  | System.out.println(" "); |
|  | } |
|  | } |

8.

|  |
| --- |
| import java.util.\*; |
|  | import java.util.Random; |
|  | public class Main{ |
|  | private static int drawNumber() { |
|  | return new Random().nextInt(101); |
|  | } |
|  | public static void main(String[] args) { |
|  | Scanner reader = new Scanner(System.in); |
|  | int guessNumber = drawNumber() ; |
|  | System.out.println(guessNumber); |
|  | int guessCount = 1 ; |
|  | while(true){ |
|  | System.out.print("Guess a number : "); |
|  | int num = reader.nextInt() ; |
|  | if(num < guessNumber) { |
|  | System.out.println("The number is greater , guess made: " + guessCount); |
|  | } |
|  | else if(num > guessNumber) { |
|  | System.out.println("The number is lesser , guess made: " + guessCount); |
|  | } |
|  | else if(num == guessNumber){ |
|  | System.out.println("Congratulations, your guess is correct!"); |
|  | break ; |
|  | } |
|  | guessCount++ ; |
|  | } |
|  | } |
|  | } |