import java.util.Scanner;

public class NumberGuessingGame {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

int numberToGuess = (int) (Math.random() \* 100) + 1;

int numberOfTries = 0;

int guess = 0;

boolean win = false;

while (!win) {

System.out.print("Enter a guess between 1 and 100: ");

guess = scanner.nextInt();

numberOfTries++;

if (guess < 1 || guess > 100) {

System.out.println("Please enter a number between 1 and 100.");

} else if (guess < numberToGuess) {

System.out.println("Too low!");

} else if (guess > numberToGuess) {

System.out.println("Too high!");

} else {

win = true;

System.out.println("Congratulations! You guessed the number in " + numberOfTries + " tries.");

}

}

scanner.close();

}

}