**GUESS THE NUMBER GAME**  
  
import java.util.Scanner;  
import java.util.Random;  
  
class guessgame{  
 int number;  
 public guessgame(){  
 Random rand=new Random();  
 this.number= rand.nextInt(100);  
 }  
  
 int userinput;  
 public void setUserinput(){  
 Scanner sc=new Scanner(System.*in*);  
 userinput=sc.nextInt();  
 }  
  
 boolean getGuess(){  
  
 if(userinput==number)  
 {  
 System.*out*.println("yes same number");  
 return true;  
  
 }  
 else if(userinput>number){  
 System.*out*.println("greater number");  
 return false;  
 }  
 else if(userinput<number){  
 System.*out*.println("smaller number");  
 return false;  
 }  
 return false;  
 }  
  
}  
  
  
  
public class Main {  
  
  
 public static void main(String[] args) throws java.lang.Exception{  
  
  
 guessgame a=new guessgame();  
 boolean b=false;  
 int c=0;  
 while(b==false)  
 {  
  
 a.setUserinput();  
 b=a.getGuess();  
 c++;  
 }  
 System.*out*.println("you guessed it right in "+c+" "+"times");  
  
 }  
  
}