Graphical user interface, text, application, email

Description automatically generated

public class Test{  
 public static void main(String[] args) {  
 int x=20;  
 boolean flag=true;  
 if (x>15 && flag)  
 System.out.println("Done");  
 else  
 System.out.println("Error");  
 }  
}

public class Test {  
 public static void main(String[] args) {  
 int x=20;  
 boolean flag=true;  
 System.*out*.println((x>15&&flag)? "Done": "Error");  
 }  
}

***ternary conditional operator***

expressionResult=condition? trueResult : falseResult;

Text

Description automatically generated

public class Test{  
 public static void main(String[]args){  
 boolean result;  
 //array initialisation   
 int[]ar={1,2,3,2,1};  
 //if array only contains one element--> true  
 if (ar.length==1)  
 result=true;  
 //if array contains 2 to 5 elements, if the first element equals to the last and the second equals to the second last one   
 else if (ar[0] == ar[ar.length - 1] && ar[1] == ar[ar.length - 2])  
 result = true;  
 //all other situations  
 else  
 result=false;  
 System.out.println(result);  
 }  
}  
  
In the code above when array is {1,2,3,2,1}, the output is true.  
I also tried several other arrays as following:  
When int[]ar={1,2,1}; the output is true.  
When int[]ar={5,4,4,5}; the output is true.  
When int[]ar={2,5,6,9}; the output is false.  
When int[]ar={2}; the output is true.  
When int[]ar={1,2}; the output is false.  
When int[]ar={2,5,2}; the output is true.