

Java

Übung And Or Not Xor

Name: \_\_\_\_\_

Klasse: \_\_\_\_\_

Datum: \_\_\_\_\_

Erstellen Sie folgende Klasse:

Testen
+ checkIf(a, b, c, d)

Was liefert die folgende if-Abfrage:

```
if (((a < c) ^ (d == true)) && !((b > c) || (a > c))) || ((d == false) && (a < 5)))
```

Parameter	Ergebnis (true/false)
a = 10 b = 5 c = 7 d = true	(((a < c) ^ (d == true)) && !((b > c)    (a > c)))    ((d == false) && (a < 5)))
a = 3 b = 9 c = 20 d = false	(((a < c) ^ (d == true)) && !((b > c)    (a > c)))    ((d == false) && (a < 5)))

<pre>a = 1 b = 1 c = 1 d = true</pre>	<pre>((((a &lt; c) ^ (d == true)) &amp;&amp; !((b &gt; c)    (a &gt; c)))    ((d == false) &amp;&amp; (a &lt; 5)))</pre>
<pre>a = 20 b = 8 c = 5 d = false</pre>	<pre>((((a &lt; c) ^ (d == true)) &amp;&amp; !((b &gt; c)    (a &gt; c)))    ((d == false) &amp;&amp; (a &lt; 5)))</pre>
<pre>a = -3 b = -5 c = 10 d = false</pre>	<pre>((((a &lt; c) ^ (d == true)) &amp;&amp; !((b &gt; c)    (a &gt; c)))    ((d == false) &amp;&amp; (a &lt; 5)))</pre>

Entwickeln Sie die Java Klasse und testen Sie Ihr Ergebnis aus!