

Exercício de testes de mesa com while

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<pre>x = 5; y = 0; while (x > 2) { System.out.print(x); y = y + x; x = x - 1; }</pre>	<pre>x = 2; y = 0; while (x < 60) { System.out.println(x); x = x * 2; y = y + 10; }</pre>	<pre>x = 100; y = 100; while (x != y) { System.out.print("olha"); x = Math.sqrt(y); }</pre>
<div><div></div><div></div><div></div></div> <div>x y i</div>	<div><div></div><div></div><div></div></div> <div>x y i</div>	<div><div></div><div></div><div></div></div> <div>x y i</div>
Tela: <div></div>	Tela: <div></div>	Tela: <div></div>

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<pre>x = 0; while (x < 5) { y = x * 3; System.out.print(y); x = x + 1; } System.out.println("Fim");</pre>	<pre>x = 2; y = 10; System.out.println("Olá"); while (x < y) { System.out.println(x + "-" + y); x = x * 2; y = y + 1; }</pre>	<pre>x = 4; y = 0; i = 0; while (i < x) { i = i + 1; y = y + i; System.out.print(i); System.out.println(y); }</pre>
<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 40px; height: 30px;"></div> <div style="border: 1px solid black; width: 40px; height: 30px;"></div> <div style="border: 1px solid black; width: 40px; height: 30px;"></div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> x y i </div>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 40px; height: 30px;"></div> <div style="border: 1px solid black; width: 40px; height: 30px;"></div> <div style="border: 1px solid black; width: 40px; height: 30px;"></div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> x y i </div>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 40px; height: 30px;"></div> <div style="border: 1px solid black; width: 40px; height: 30px;"></div> <div style="border: 1px solid black; width: 40px; height: 30px;"></div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> x y i </div>
<p>Tela:</p> <div style="border: 1px solid black; height: 100px; width: 200px; margin-top: 5px;"></div>	<p>Tela:</p> <div style="border: 1px solid black; height: 100px; width: 200px; margin-top: 5px;"></div>	<p>Tela:</p> <div style="border: 1px solid black; height: 100px; width: 200px; margin-top: 5px;"></div>

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<pre>x = 5; y = 0; while (x > 2) { System.out.print(x); y = y + x; x = x - 1; }</pre>	<pre>x = 2; y = 0; while (x < 60) { System.out.println(x); x = x * 2; y = y + 10; }</pre>	<pre>x = 100; y = 100; while (x != y) { System.out.print("olha"); x = Math.sqrt(y); }</pre>
<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 40px; height: 30px; text-align: center;"> 5 4 3 2 </div> <div style="border: 1px solid black; width: 40px; height: 30px; text-align: center;"> 0 5 9 12 </div> <div style="border: 1px solid black; width: 40px; height: 30px;"></div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> x y i </div>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 40px; height: 30px; text-align: center;"> 2 4 8 16 32 64 </div> <div style="border: 1px solid black; width: 40px; height: 30px; text-align: center;"> 0 10 20 30 40 50 </div> <div style="border: 1px solid black; width: 40px; height: 30px;"></div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> x y i </div>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 40px; height: 30px; text-align: center;">100</div> <div style="border: 1px solid black; width: 40px; height: 30px; text-align: center;">100</div> <div style="border: 1px solid black; width: 40px; height: 30px;"></div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> x y i </div>
<p>Tela:</p> <div style="border: 1px solid black; height: 100px; width: 200px; margin-top: 5px; text-align: center;"> 5 4 3 </div>	<p>Tela:</p> <div style="border: 1px solid black; height: 100px; width: 200px; margin-top: 5px; text-align: center;"> 2 4 8 16 32 </div>	<p>Tela:</p> <div style="border: 1px solid black; height: 100px; width: 200px; margin-top: 5px;"></div>

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```

x = 0;
while (x < 5) {
    y = x * 3;
    System.out.print(y);
    x = x + 1;
}
System.out.println("Fim");

```

0 3 6 3 4 5	0 3 6 8 12	
x	y	i

Tela:

0 3 6 9 12 Fim

```

x = 2;
y = 10;
System.out.println("Olá");
while (x < y) {
    System.out.println(x + "-" + y);
    x = x * 2;
    y = y + 1;
}

```

2 4 8 16	10 11 12 13	
x	y	i

Tela:

Olá
2-10
4-11
8-12

```

x = 4;
y = 0;
i = 0;
while (i < x) {
    i = i + 1;
    y = y + i;
    System.out.print(i);
    System.out.println(y);
}

```

4	0 4 8 8 10	0 4 8 8 4
x	y	i

Tela:

1 1
2 3
3 6
4 10

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Estrutura repetitiva "para" (for)

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<pre>x = 4; y = x + 2; for (i=0; i<x; i++) { System.out.print(x+" "+y); y = y + i; }</pre>	<pre>for (i=1; i<5; i++){ y = i - 1; x = i * 10; System.out.print(i); }</pre>	<pre>y = 10; for (i=0; i<4; i++){ System.out.print(i); y = y + i; System.out.println(y); }</pre>
<div style="display: flex; justify-content: space-around;"> <div><input type="text"/></div> <div><input type="text"/></div> <div><input type="text"/></div> </div> <div style="display: flex; justify-content: space-around;"> <div>x</div> <div>y</div> <div>i</div> </div>	<div style="display: flex; justify-content: space-around;"> <div><input type="text"/></div> <div><input type="text"/></div> <div><input type="text"/></div> </div> <div style="display: flex; justify-content: space-around;"> <div>x</div> <div>y</div> <div>i</div> </div>	<div style="display: flex; justify-content: space-around;"> <div><input type="text"/></div> <div><input type="text"/></div> <div><input type="text"/></div> </div> <div style="display: flex; justify-content: space-around;"> <div>x</div> <div>y</div> <div>i</div> </div>
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<pre>x = 4; y = 0; for (i=0; i<x; i++) { System.out.print(i); System.out.println(x); y = y + 10; }</pre>	<pre>x = 4; y = 0; for (i=0; i<x; i++) { y = y + i; } System.out.println(y);</pre>	<pre>x = 8; y = 3; for (i=0; y<x; i++){ x = x - 2; y = y + 1; System.out.println(i); }</pre>
<div style="display: flex; justify-content: space-around;"> <div><input type="text"/></div> <div><input type="text"/></div> <div><input type="text"/></div> </div> <div style="display: flex; justify-content: space-around;"> <div>x</div> <div>y</div> <div>i</div> </div>	<div style="display: flex; justify-content: space-around;"> <div><input type="text"/></div> <div><input type="text"/></div> <div><input type="text"/></div> </div> <div style="display: flex; justify-content: space-around;"> <div>x</div> <div>y</div> <div>i</div> </div>	<div style="display: flex; justify-content: space-around;"> <div><input type="text"/></div> <div><input type="text"/></div> <div><input type="text"/></div> </div> <div style="display: flex; justify-content: space-around;"> <div>x</div> <div>y</div> <div>i</div> </div>
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<pre>x = 4; y = x + 2; for (i=0; i<x; i++) { System.out.print(x+" "+y); y = y + i; }</pre>	<pre>for (i=1; i<5; i++){ y = i - 1; x = i * 10; System.out.print(i); }</pre>	<pre>y = 10; for (i=0; i<4; i++){ System.out.print(i); y = y + i; System.out.println(y); }</pre>
<div> <div>4</div> <div>8 8 7 8 12</div> <div>0 1 2 3 4</div> </div> <div>x y i</div>	<div> <div>10 20 30 40</div> <div>0 1 2 3</div> <div>1 2 3 4 5</div> </div> <div>x y i</div>	<div> <div></div> <div>10 10 11 13 16</div> <div>0 1 2 3 4</div> </div> <div>x y i</div>
<div>Tela:</div> <div>4 6 4 6 4 7 4 9</div>	<div>Tela:</div> <div>1 2 3 4</div>	<div>Tela:</div> <div>0 10 1 11 2 13 3 16</div>

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<pre>x = 4; y = 0; for (i=0; i<x; i++) { System.out.print(i); System.out.println(x); y = y + 10; }</pre>	<pre>x = 4; y = 0; for (i=0; i<x; i++) { y = y + i; } System.out.println(y);</pre>	<pre>x = 8; y = 3; for (i=0; y<x; i++){ x = x - 2; y = y + 1; System.out.println(i); }</pre>
<div> <div>4</div> <div>0 10 20 30 40</div> <div>0 1 2 3 4</div> </div> <div>x y i</div>	<div> <div>4</div> <div>0 0 1 3 6</div> <div>0 1 2 3 4</div> </div> <div>x y i</div>	<div> <div>8 8 4</div> <div>3 4 5</div> <div>0 1 2</div> </div> <div>x y i</div>
<div>Tela:</div> <div>0 4 1 4 2 4 3 4</div>	<div>Tela:</div> <div>6</div>	<div>Tela:</div> <div>0 1</div>

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