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Exercise: while

Exercise: while exercise 1

5.0/5.0 points (graded)

ESTIMATED TIME TO COMPLETE: 5 minutes

In this problem you'll be given a chance to practice writing some while loops.

1. Convert the following into code that uses a while loop.

```
print 2
prints 4
prints 6
prints 8
prints 10
prints Goodbye!
```

```
1 valor=2
2 while valor<=10:
     print(valor)
     valor += 2
5 print('Goodbye!')
```

Press ESC then TAB or click outside of the code editor to exit

Correta

Test results

CORRECT	<u>See full output</u>
	See full output
Enviar	

Exercise: while exercise 2

5.0/5.0 points (graded)

ESTIMATED TIME TO COMPLETE: 5 minutes

2. Convert the following into code that uses a while loop.

```
prints Hello!
prints 10
prints 8
prints 6
prints 4
prints 2
```

```
1 valor=10
2 print('Hello!')
3 while valor >= 2:
     print(valor)
     valor -= 2
```

Press ESC then TAB or click outside of the code editor to exit

Correta

Test results

See full output **CORRECT** See full output

Enviar

Exercise: while exercise 3

5.0/5.0 points (graded)

ESTIMATED TIME TO COMPLETE: 5 minutes

3. Write a while loop that sums the values 1 through [end], inclusive. [end] is a variable that we define for you. So, for example, if we define end to be 6, your code should print out the result:

```
21
```

which is 1 + 2 + 3 + 4 + 5 + 6.

For problems such as these, do not include input statements or define variables we will provide for you. Our automating testing will provide values so write your code in the following box assuming these variables are already defined.

Hint: Don't Use A Variable Called 'sum'

```
1 conta = 1
2 \text{ soma} = 0
3 while conta <= end:</pre>
      soma += conta
5
      conta += 1
6 print(soma)
```

Press ESC then TAB or click outside of the code editor to exit

Correta

Test results

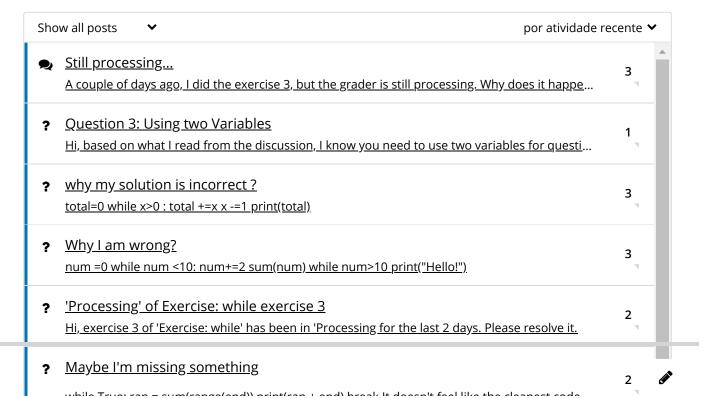
See full output CORRECT See full output Enviar

Exercise: while

Topic: Lecture 2 / Exercise: while

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