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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:
3     print(valor)
4     valor += 2
5 print('Goodbye!')
```

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

Correta

Test results

CORRECT

[See full output](#)

[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:
4     print(valor)
5     valor -= 2
```

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

Correta

Test results

CORRECT

[See full output](#)

[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 soma = 0
3 while conta <= end:
4     soma += conta
5     conta += 1
6 print(soma)
```



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

Correta

Test results

CORRECT

See full output

See full output

Enviar

Exercise: while

Ocultar discussão

Topic: Lecture 2 / Exercise: while

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<div><div>Maybe I'm missing something</div><div>while True: ran = sum(range(end)) print(ran + end) break It doesn't feel like the cleanest code</div><div>2</div></div>	

`while True: ran = sum(range(end)) print(ran + end) break` it doesn't feel like the cleanest code,...

?	Grader still processing...	10
	After almost an hour the grader is still processing even if I refresh the page to see updates. Ca...	
?	Turning in assignments past due date or switching to another session	1
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?	Question #3	3
	Given that we do not use sum, I am confused about how else to approach number 3. Here is ...	
💬	I do not understand what is wrong with my codes, they work perfectly in Anaconda but here are wrong!	3
	<code>n = 0 while n < 12 : print (n) n = n + 2 print ("Hello!") n = 10 while n > 0 : print (n) n = n - 2 print (...</code>	
?	Question 3 why do we need another variable?	6
	<code>` num = 0 while end > num: num += 1 if end == num: print(num)`</code> Hi, I am struggling to under...	
💬	HELP. SOS	3
?	Problem One	4
	Why is my code for #1 wrong? <code>for i in range (2, 11, 2): print(i) print('Goodbye!')</code>	

