edX

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Exercise: for
Exercise: for 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 for loops.

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

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

```
1 for i in range(2,11,2):
2     print(i)
3 print('Goodbye!')
```

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

Correta

Test results

Hide output

CORRECT

What's printed?

Output:

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

Hide output

Enviar

Exercise: for exercise 2

5.0/5.0 points (graded)
ESTIMATED TIME TO COMPLETE: 5 minutes

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

prins `Hello!`
prints `10`
prints `8`

prints 6
prints 4
prints 2

```
1 print('Hello!')
2 for i in range(10,1,-2):
3     print(i)
```

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: for exercise 3

5.0/5.0 points (graded)
ESTIMATED TIME TO COMPLETE: 5 minutes

3. Write a for 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 soma=0
2 for i in range(1,end+1):
3     soma += i
4 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: for exercises

Ocultar discussão

Topic: Lecture 2 / Exercise: for exercises

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💬	**Still processing...** A couple of days ago, I did the exercise 2, but the grader is still processing. Why does it happe...	2
❓	**Question 2: Ranges** Why doesn't it work if you use the (10, 2, -2) range instead of (10, 0, -2)? I'm a bit confused, cou...	2
❓	**Graders are down??** I think graders are not working I've submitted 3 exercises and in all of them it just keeps spinn...	8
💬	**a little demoralizing** Wish they wouldn't estimate that the exercises will take so little time. Five minutes? Taking me...	7
❓	**why is this the answer to number 4? I'm trying to translate to myself (in clear english) why I'm taking the steps that I am** answer: total = 0 for next in range(1, end+1): total += next print(total) I'm guessing "total" is w...	3
❓	**Graders too slow?** Hello! Is there any problem with the graders? They keep spinning forever. Thanks in advance.	3
❓	**Spoiler: Q3 a keep getting incorrect!?** This is my code: end = 6 , n = 0 for i in range(1,end+1): , n += I , print(n) what is wrong?	4
❓	**Problem with the answer ex 2** Hi, I don't understand what is happening with the grader, I am constantly putting codes that gi...	2
❓	**why is this incorrect?** n = 0 for count in range(end) if n == 0: n=1 else : n= 2*n +1 print(n)	3
❓	**Question 3** My code works well with some numbers and not with other numbers... can someone help me ...	2
💬	**Exercise 3 is forever checking for answers...** It never shows a result, thus no points earned.	2
💬	**exercise** can anyone explain me exercise 3?	3
❓	**Spoiler Exercise1** Does anyone know why my answer is incorrect? How should I use "for" in this case? num=2 n...	5