edX

MITx: 6.00.1x
Introduction to Computer Science and Programming Using Python

Help   josuecarames   ▼

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 n in range(2, 12, 2):
2     print(n)
3 print("Goodbye!")
```

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

Correct

Test results

	See full output
CORRECT	
	See full output

Submit

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.

prints `Hello!`

prints `10`

prints `8`

prints `6`

prints `4`

prints `2`

```
1 print("Hello!")
2 for n in range(10, 0, -2):
3     print(n)
```

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

Correct

Test results

See full output

CORRECT

See full output

Submit

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 for n in range (0, end):
2     end += n
3 print(end)
```

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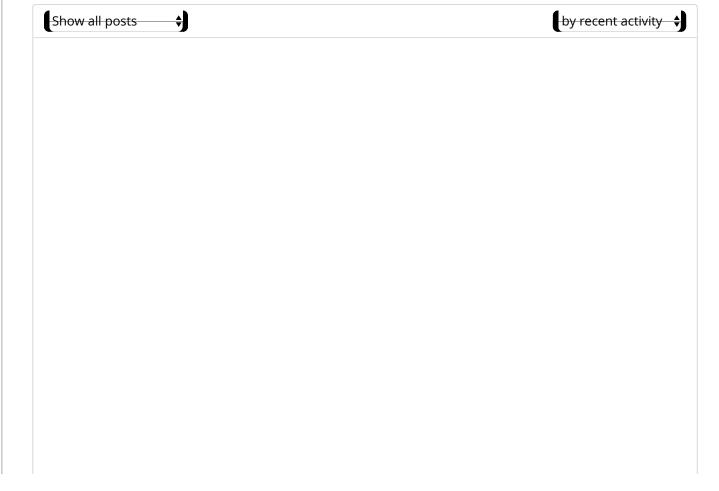
Correct

Test results

See full output
CORRECT
See full output

Submit

Exercise: for exercises

Topic: Lecture 2 / Exercise: for exercises

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💬 [Question 3: While & For Loops](#)
The level of difficulty for question 3 (in the current and previous exercises, while/for) really t...

2

? [Exersice1： why the variable must be "count"? and why the stop part of range is 12?](#)
my answer is for i in range (2,11,2): print(i) print("Goodbye!")

1

💬 [Q3: Why did I have to define a variable when it explicitly said not to?](#)
My initial answer was, for i in range(0,end+1): mysum += i print(mysum) It wouldn't accept th...

3

💬 [Spoiler. My funny answer for Q2](#)

8

💬 [1st exercise code issue](#)
My code for the first exercise is this: for i in range (1,11): if i%2 == 0: print (i) print ("Goodbye!...

1

💬 [clarity in your instructions; question 3](#)
regardless of what the hint is, the instructions SPECIFICALLY states NOT to define variables. ...

2

💬 [Help for Ex.3](#)
Would anyone please help me out with the third problem. Here the "end" is not defined so ...

5

? [SPOILER: Code error {NameError: name 'total' is not defined}](#)
for adder in range (1, end + 1): total += adder print(total) How do I get rid of *total*, exactly? ...

3

💬 [unsure why my answer is incorrect](#)
Below is my solution for question 3, it works and returns the expected value (15) in my spyd...

2

💬 [Wrong code which gives the right answer for exercise 3](#)
a = end + 1 for x in range(end): s = (a*(a-1))/2 print(int(s)) I remember that I learnt a formula i...

2

💬 [Question #3 hint (Spoiler)](#)
range(1,end+1):

2

💬 [Spoiler: Is there a better way to solve Exercise 3?](#)
For the third exercise, I entered a huge number for the range and used a break statement t...

19

? [i don't understand exercise 3](#)
I have no idea how to solve exercise 3, I tried looking at the answers to get an idea so that I c...

12