Exercise: while
Exercise: while exercise 1

0.0/5.0 points (graded)
ESTIMATED TIME TO COMPLETE: 5 minutes

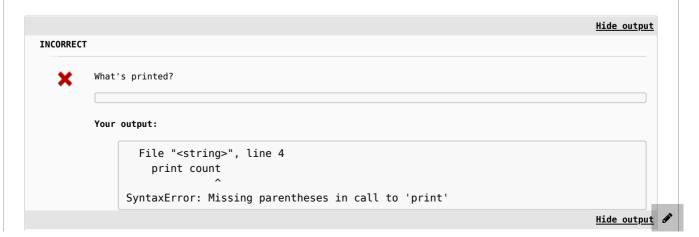In this problem you'll be given a chance to practice writing some while loops.

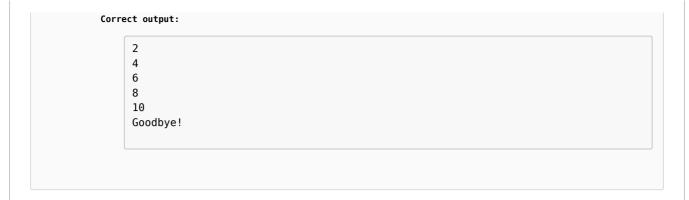1. Convert the following into code that uses a while loop.

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

```
1 count=0
2 while(count > 10):
3     count = count+2
4     print count
5
6  print("Goodbye!")
```

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

Incorrect

Test results

INCORRECT

❌   What's printed?

Your output:

```
    File "<string>", line 4
      print count
              ^
  SyntaxError: Missing parentheses in call to 'print'
```

Correct output:

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

Submit

Exercise: while exercise 2

0.0/5.0 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 i = 0
2 print("Hello!")
3 while i > 10:
4 print i
5 i=i+2
6
```

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

Incorrect

Test results

INCORRECT

❌   What's printed?

Your output:

Hide output ✏️

```
    File "<string>", line 4
      print i
           ^
IndentationError: Missing parentheses in call to 'print'
```

Correct output:

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

Submit

Exercise: while exercise 3

0.0/5.0 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 None
```

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

Unanswered

Submit

Exercise: while

Topic: Lecture 2 / Exercise: while

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