✕

edX

CC 1.3.4: For and While Loops
For and While Loops: Question 1

1/1 point (graded)

Consider `bears = {"Grizzly":"angry", "Brown":"friendly", "Polar":"friendly"}`. Can you replace `#blank#` so the code will print a greeting only to friendly bears? Your code should work even if more bears are added to the dictionary.

```
for bear in bears:
    if #blank#:
    print("Hello, "+bear+" bear!")
else:
print("odd")
```

Enter your code here.

```
if bears[bear] == "friendly":
```
✔

Submit   You have used 4 of 5 attempts

✔ Correct (1/1 point)

For and While Loops: Question 2

1/1 point (graded)
Consider the following code:

```
is_prime = True
for i in range(2,n):
    if n%i == 0:
        #blank#
print(is_prime)
```

Can you fill in the `#blank#` line so the code will only print True if `n` is prime?

Enter your code here.

is_prime = False   ✔

Submit　　　You have used 1 of 5 attempts

✔ Correct (1/1 point)

For and While Loops: Question 3

1/1 point (graded)
Consider the following code:

```
n=100
number_of_times = 0
while n >= 1:
    n //= 2
    number_of_times += 1
print(number_of_times)
```

What will this print?

Enter your numerical answer here.

7   ✔

Submit   You have used 1 of 5 attempts

✔ Correct (1/1 point)

Learn About Verified Certificates