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## 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":



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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`



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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



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 Correct (1/1 point)[Learn About Verified Certificates](#)

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