

Clearly PRINT your full name: _____

CS 2316 – Spring 2016

THIS SIDE UP!

QUIZ 2 Intermediate Python Quiz

1. Write a line of Python code that generates a list of all even numbers between 48 and 3242 (inclusive) and assigns the list to a variable named X:

2. In the box to the right of the code, write exactly what IDLE would print when you executed the code:

```
aStr = "Hippopotamus"  
bStr=aStr[0:3]  
cStr=bStr[::-1]  
aStr = aStr[5:10]  
print(aStr)  
print(bStr)  
print(cStr)
```

3. In the box to the right of the code, write exactly what IDLE would print when you executed the code below, and also write down the value that the variable y would be assigned to:

```
def rec(n):  
    if n < 4:  
        return 2  
  
    print(n)  
    value = rec(n-1) + rec(n-2)  
    return value
```

```
y = rec(6)
```

Y =>

4. Write a one or two sentence definition for the following vocabulary words:

- semantic error

- syntax error

5. Write a function in Python called **uppercaseOnly** that will accept a single string argument, and return a new string made up of (only) the uppercase letters in the input string. For example, here are some example test cases:

```
>>> uppercaseOnly("CatDogBad")
```

```
'CDB'
```

```
>>> uppercaseOnly("11 Warriors Died")
```

```
'WD'
```