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:

```python
X = [i for i in range(48, 3243) if i % 2 == 0]
```

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

```python
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:

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

y = rec(6)
```

```python
Y = 8
```
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:

```python
>>> uppercaseOnly("CatDogBad")
'CDB'
>>> uppercaseOnly("11 Warriors Died")
'WD'
```