15-110 Recitation

Week 5 (2/13/2020): Exam 1 Review

Recall that 'A' is 65, '0' is 48 in ASCII Encode the string 'C2' in ASCII.
hen both x and y are true OR neither x nor y are true.



```
def f(n):
    return n+5
def g(n):
    return 10*f(n) + f(n+2)
print(g(2))
```

Problem 4: code trace 2

```
def ct1(s):
    t = ''
    for c in s:
        if ((c.isdigit() == True) and (int(c)%2 == 1)):
            t += c
    return t
print(ct1('I had 253 dogs and 762 cats!'))
```

Problem 5: errors

What type of error do the following statements have, if any?

```
print(2+2=4)

print(1/0)

Error:
```

Say we have this snippet of code to find the average of x and y:

```
x = float(x)

y = float(y)

z = x+y/2
```

What will this return? Is there an error?

Problem 6: port authority

	e 61A, 61B, 61C, and 61D are excessively crowded. Morewood, they can only fit 10 people on any given 80 people can fit on the buses.
PortAuthority(time, num_people) that given	cate the right number of buses by writing a function the time and number of people, returns the number of s will be stored in military time for your convenience.
	PortAuthority(4, 20) \rightarrow 1 PortAuthority(9, 43) \rightarrow 5 PortAuthority(18, 34) \rightarrow 4
Problem 7: strings	
Print every other character in a string in function everyOther(s). If there are uppercase letters, make them lowercase.	Now, only print the letters in a string that are lowercase.