## CMP167 - Quiz #06

Instructo Results:	r:	Michael Iannelli	Name: Class: Date:	- -	
1.	Compu	ters can generate truly random numbers	2.	A simpli	ified version of a program is called a simulation
	a. b.	True False		a. b.	True False
3.		oes the following expression evaluate to:  (b or c) == (a and b) or (a and c)	4.	a.	random() >= 66 random() < 0.66 random() < .066 random() >= 0.66
5.	5. What is the difference between top down design and spiral design?				
6.	randon return functio	e given a function called roll10d() which returns in number between 0 and 9; however, does not the numbers in a uniform distribution. Write a in to determine the approximate distribution of imbers roll10d() returns	a 7.	Write a sided d	program to estimate rolling 5 of a kind on a six ie.

**Extra Credit**: In class, we discussed a method of unit testing that returns True of False depending on whether the function works or not:

```
test_method:
    if test_method(A) != <expected value> return False
    if test_method(B) != <expected value> return False
    ...
    return True
```

Re-write the pseudocode to make the unit-test more informative.