

--- Self Graded ---

CSE11 – Spring 2013
Quiz #1

Name: _____

Student ID: _____

1) For the following code segment, what are i and j after the segment executes?

```
int j = 0;
int i = 20;
i++;
j -= i;
```

ans: i = 21, j = -21

2) What is wrong with the following program, if this is the entire text of the file Testing.java?

```
public class Testing
{
    public static void main(String[] args)
    {
        int count = 0;
        if ( count > maxcount )
        {
            System.out.println("Count exceeded");
        }
    }
}
```

ans: the variable maxcount is not declared. It can be any numerical type.

3) What are the values of the following expressions

- a. 37/2
- b. 37/2.0
- c. 37.0/2
- d. 11 % 3

ans: 18, 18.5, 18.5, 2

4) Suppose you have A=True, B=False, C=True, what are the values of the following expressions?

- a. A && B
- b. A && C

- c. $A \parallel B$
- d. $A \wedge B$

ans: False, True, True, True

5) What java keyword is used to create an instance of a class?

ans: the new keyword is used to create new instances of a class

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6) What is the signature of the following method?

```
public void myMethod(int i, double x, Location lp, String s){}
```

ans: void myMethod(int,double,Location,String)

7) Suppose the `Fruit` class has the method `ripen` defined as part of the class.

After the following code segment, what is the syntax to execute `ripen` on the `apple` object?

```
Fruit apple;  
apple = new Fruit();
```

ans: `apple.ripen();`