

CS 101: Quiz #3, February 11, 2009, Solutions

1. Write a Java application that reads two floating point numbers and prints their sum, difference, and product.

```
import java.util.Scanner;

public class DoubleMath{
    public static void main (String[] args){
        double x,y;
        Scanner scan = new Scanner(System.in);

        System.out.print("Enter two floating point numbers: ");
        x = scan.nextDouble();
        y = scan.nextDouble();

        System.out.println("Their sum is " + (x+y));
        System.out.println("Their difference is " + (x-y));
        System.out.println("Their product is " + (x*y));
    }
}
```

2. What is the output of the following Java code fragment?

```
int num = 7, max = 20;
if( num == max*2)
    System.out.println("apple");
    System.out.println("orange");
System.out.println("pear");
```

Put your answer in the box below.

| |
|---------------------------|
| Output: orange pear |
|---------------------------|