

## Quiz W1 – CS 102

Name: \_\_\_\_\_, ID: \_\_\_\_\_

1) Consider the following code:

```
public class Quiz1 {
    public static void main(String[] args) {
        int a = 3;
        int b = 5;
        String s = null;
        // location 1
        s = new String("abc");
        // location 2
        String f = foo(a, b, s);
        // location 5
        System.out.println(f);
    }
    public static String foo(int x, int y, String s) {
        // location 3
        int z = (x+y);
        String r = s + "-" + z;
        // location 4
        return r;
    }
}
```

Draw the contents of the memory for the 5 locations above and what the program outputs.

1)	2)
3)	4)
5)	Program output: