

CMSC131 Spring 2005 Quiz #4, Duration 15 Minutes

First Name:
Last Name:
Section:

Class account LOGIN ID
TAs:

Draw a memory diagram for the following main method, up to point where the comment “STOP HERE” appears. Specify any objects that have been created and the values of the variables a, b, c, d, e, and temp. Remember that we represent references (addresses) with arrows, objects with rectangles, and the null value with a line ended with a perpendicular line.

```
public static void main(String[] args) {  
    String a = "Pop";  
    String b = "Pop";  
    double temp = 10;  
    String c = new String("Rock");  
    String d = new String(c);  
    String e = c;  
    c = d;  
    temp = 20;  
    d = e;  
    // STOP HERE  
}
```

