

CS 102: Quiz #9, November 18, 2009

SOLUTION

1. Write a *recursive* method

```
public static String reverse(String s)
```

which returns the given reversed string of `s`. Recall some of the standard methods of the `String` class:

```
int length()
char charAt(int index)
String substring(int offset, int endIndex)
    // returns substring from index offset to endIndex-1
```

Solution:

```
public static String reverse (String s){
    int len = s.length();
    if (len <= 1)
        return s;
    else
        return s.charAt(len-1) + reverse(s.substring(0,len-1));
}
```