# **Strings Examples**

Based on examples by Eric Roberts and Patrick Young.

### **Checking for palindromes**

```
public boolean isPalindrome(String str) {
   for(int i = 0; i < str.length() / 2; i++) {
      if (str.charAt(i) != str.charAt(str.length() - (i + 1))) {
        return false;
      }
   }
   return true;
}</pre>
```

#### Reversing strings and a simpler version of checking for palindromes

```
public String reverseString(String str) {
   String result = "";
   for(int i = 0 ; i < str.length(); i++) {
      result = str.charAt(i) + result;
   }
   return result;
}

public boolean simpleIsPalindrome(String str) {
   return (str.equals(reverseString(str)));
}</pre>
```

#### **Counting uppercase characters**

## Replace first occurrence