

Test cases:

Input.	Converts.
String "good".	"good".
String "good".	"GOOD".
One character "a".	"A".
Special character "?".	"?".

Test case 1:

```

eclipse-workspace - Lab9/src/mystringTest.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer JUnit X
Finished after 0.021 seconds
Runs: 1/1 Errors: 0 Failures: 1
mystringTest [Runner: JUnit 4] (0.000 s)
  test (0.000 s)
1 import static org.junit.Assert.*;
2
3 public class mystringTest {
4
5     @Test
6     public void test() {
7         mystring st = new mystring();
8
9         st.setString("good");
10        assertEquals(" test case 1:", "good", st.invert());
11    }
12
13 }
14
15
16 }
17

```

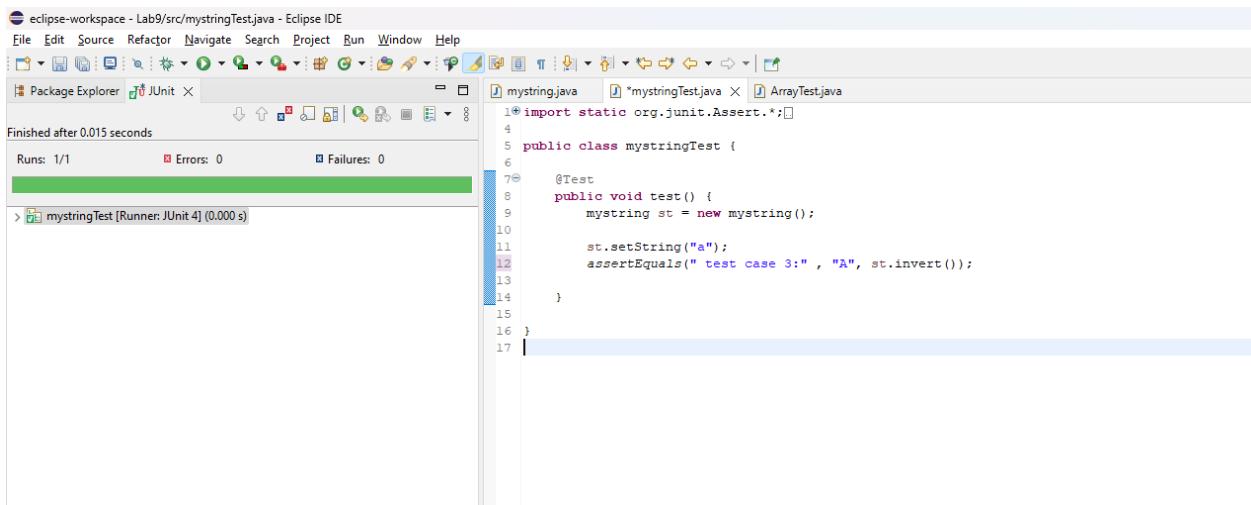
Test case 2:

```

eclipse-workspace - Lab9/src/mystringTest.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer JUnit X
Finished after 0.014 seconds
Runs: 1/1 Errors: 0 Failures: 0
mystringTest [Runner: JUnit 4] (0.000 s)
  test (0.000 s)
1 import static org.junit.Assert.*;
2
3 public class mystringTest {
4
5     @Test
6     public void test() {
7         mystring st = new mystring();
8
9         st.setString("good");
10        assertEquals(" test case 2:", "GOOD", st.invert());
11    }
12
13 }
14
15
16 }
17

```

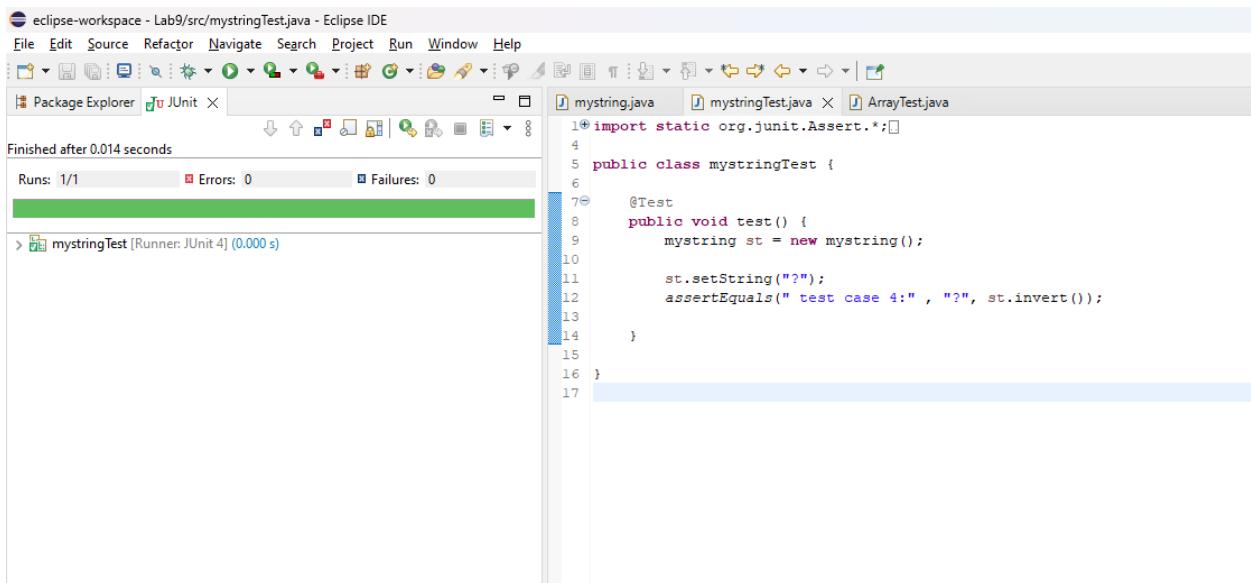
Test case 3:



The screenshot shows the Eclipse IDE interface with the title bar "eclipse-workspace - Lab9/src/mystringTest.java - Eclipse IDE". The menu bar includes File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, and Help. The toolbar has various icons for file operations. The Package Explorer view shows three files: mystring.java, mystringTest.java (selected), and ArrayTest.java. The JUnit view shows the status "Finished after 0.015 seconds" with "Runs: 1/1", "Errors: 0", and "Failures: 0". The code editor displays the following Java code:

```
1* import static org.junit.Assert.*;
2*
3* public class mystringTest {
4*
5*     @Test
6*     public void test() {
7*         mystring st = new mystring();
8*
9*         st.setString("a");
10*        assertEquals(" test case 3:", "A", st.invert());
11*
12*    }
13*
14* }
15*
16* }
17*
```

Test case 4:



The screenshot shows the Eclipse IDE interface with the title bar "eclipse-workspace - Lab9/src/mystringTest.java - Eclipse IDE". The menu bar includes File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, and Help. The toolbar has various icons for file operations. The Package Explorer view shows three files: mystring.java, mystringTest.java (selected), and ArrayTest.java. The JUnit view shows the status "Finished after 0.014 seconds" with "Runs: 1/1", "Errors: 0", and "Failures: 0". The code editor displays the following Java code:

```
1* import static org.junit.Assert.*;
2*
3* public class mystringTest {
4*
5*     @Test
6*     public void test() {
7*         mystring st = new mystring();
8*
9*         st.setString("?");
10*        assertEquals(" test case 4:", "?", st.invert());
11*
12*    }
13*
14* }
15*
16* }
17*
```