

Test cases:

Input	Invert
Single small string "a"	Single capital string "A"
Multiple small string "abc"	multiple capital string "ABC"
Single Special char "?"	Single char Same as input "?"
multiple Special char "???"	multiple char Same as input "???"

Test case 1:

```
eclipse-workspace - Lab9Ex/src/mystringTest.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer JUnit X
Finished after 0.017 seconds
Runs: 1/1 Errors: 0 Failures: 0
mystringTest [Runner: JUnit 4] (0.000 s)

1* import static org.junit.Assert.*;
2
3 public class mystringTest {
4
5     @Test
6     public void test() {
7         mystring S= new mystring();
8         S.setString("a");
9         assertEquals(" test case 1:" , "A", S.invert());
10    }
11
12
13
14
15
16
17
18
19
20}
```

Test case 2:

```
eclipse-workspace - Lab9Ex/src/mystringTest.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer JUnit X
Finished after 0.015 seconds
Runs: 1/1 Errors: 0 Failures: 0
mystringTest [Runner: JUnit 4] (0.000 s)

1* import static org.junit.Assert.*;
2
3 public class mystringTest {
4
5     @Test
6     public void test() {
7         mystring S= new mystring();
8         S.setString("abc");
9         assertEquals(" test case 2:" , "ABC", S.invert());
10    }
11
12
13
14
15
16
17
18
19
20}
```

Test case 3:

eclipse-workspace - Lab9Ex/src/mystringTest.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer JUnit X
Finished after 0.015 seconds
Runs: 1/1 Errors: 0 Failures: 0
mystringTest [Runner: JUnit 4] (0.000 s)

1* import static org.junit.Assert.*;
2
3 public class mystringTest {
4
5     @Test
6     public void test() {
7         mystring S= new mystring();
8         S.setString("?");
9         assertEquals(" test case 3:", "?", S.invert());
10    }
11
12
13
14
15
16
17
18
19
20}
```

Test case 4:

eclipse-workspace - Lab9Ex/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)

1* import static org.junit.Assert.*;
2
3 public class mystringTest {
4
5     @Test
6     public void test() {
7         mystring S= new mystring();
8         S.setString("????");
9         assertEquals(" test case 3:", "????", S.invert());
10    }
11
12
13
14
15
16
17
18
19
20}
```