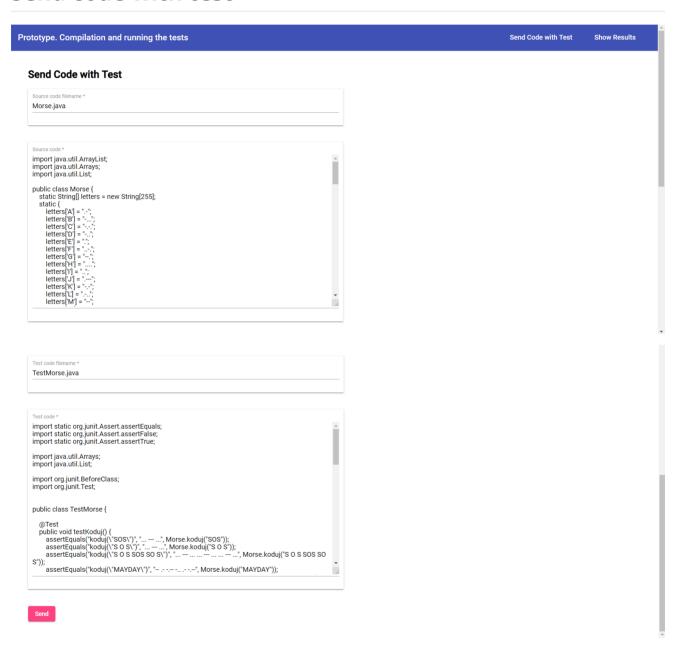# Prototype
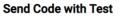
Web application prototype compiles the source code and tests, runs these tests and returs the result.

Send code with test

Send Code with Test

Source code filename *
Morse.java

```
Source code *
import java.util.ArrayList;
import java.util.Arrays;
import java.util.List;

public class Morse {
    static String[] letters = new String[255];
    static {
        letters['A'] = ".-";
        letters['B'] = "-...";
        letters['C'] = "-.-.";
        letters['D'] = "-..";
        letters['E'] = ".";
        letters['F'] = "..-.";
        letters['G'] = "--.";
        letters['H'] = "....";
        letters['I'] = "..";
        letters['J'] = ".---";
        letters['K'] = "-.-";
        letters['L'] = ".-..";
        letters['M'] = "--";
```

Test code filename *
TestMorse.java

```
Test code *
import static org.junit.Assert.assertEquals;
import static org.junit.Assert.assertFalse;
import static org.junit.Assert.assertTrue;

import java.util.Arrays;
import java.util.List;

import org.junit.BeforeClass;
import org.junit.Test;

public class TestMorse {

    @Test
    public void testKoduj() {
        assertEquals("koduj(\"SOS\")", "... --- ...", Morse.koduj("SOS"));
        assertEquals("koduj(\"S O S\")", "... --- ...", Morse.koduj("S O S"));
        assertEquals("koduj(\"S O S SOS SO S\")", "... --- ... ... --- ... ... --- ...", Morse.koduj("S O S SOS SO S"));
        assertEquals("koduj(\"MAYDAY\")", "-- .- -.-- -.. .- -.--", Morse.koduj("MAYDAY"));
```

Send

Response on correct code and tests

Prototype. Compilation and running the tests

Send Code with Test

You've sent files successfully!

Send new

Compiled successfully

Run time: 78 ms

Run count: 3

All tests ran successfully

Response on failed tests

Prototype. Compilation and running the tests

Send Code with Test

You've sent files successfully!

Send new

Compiled successfully

Run time: 7 ms

Run count: 3

Tests ran unsuccessfully

Failures count:

Failures: [testKoduj(TestMorse): koduj("SOS") expected:<..[. — .]..> b

Ignore count: 0

Response on incorrect tests

Prototype. Compilation and running the tests

Send Code with Test

You've sent files successfully!

Send new

Junit test creation failed

Show results

Results

Id	Source code filename	Test filename	Date and time	Tests running time	Tests succeeded	Tests run count	Failures count	Failures	Ignored tests count	Compilation succeeded	Compilation message
169	Morse.java	TestMorse.java	2019-02-07T15:54:13.404+C	92	true	3		[]	0	true	Compiled successfully
170	Morse.java	TestMorse.java	2019-02-07T15:54:37.569+C	4	false	3		[testKoduj(TestMo koduj("SOS") expec ...> but was:<... --[] . test_DekodujVsetk0 dekodujVsetky("..-" expected:<4> but w test_Dekoduj(Testl	0	true	Compiled successfully
171	Morse.java	TestMorse.java	2019-02-07T15:57:06.601+C	99	true	3		[]	0	true	Compiled successfully
172	Morse.java	TestMorse.java	2019-02-07T16:06:25.052+C	72	true	3		[]	0	true	Compiled successfully
173	Morse.java	TestMorse.java	2019-02-14T18:33:04.796+C	78	true	3		[]	0	true	Compiled successfully
178	Morse.java	TestMorse.java	2019-02-14T18:36:08.888+C	7	false	3		[testKoduj(TestMo koduj("SOS") expec .]..> but was:<..[—] test_DekodujVsetk0 dekodujVsetky("..") expected:<2> but w test_Dekoduj(Testl	0	true	Compiled successfully