



Package Explorer JUnit X

Finished after 1.244 seconds

Runs: 1/1 Errors: 0 Failures: 1

First_TestTest [Runner: JUnit 5] (0.097 s)

test() (0.097 s)

Failure Trace

org.opentest4j.AssertionFailedError: Not yet im
at JUnit5/Junit5.First_TestTest.test(First_TestTest
at java.base/java.util.ArrayList.forEach(ArrayLi
at java.base/java.util.ArrayList.forEach(ArrayLi

.project first.java First_Test.java X Assignment3...

Assignment3... Assignment3... Assignment3... First_TestT...

```
1 package Junit5;
2
3 public class First_Test {
4
5     public int add(int a,int b) {
6         return a+b;
7     }
8
9 }
10
```

Problems Javadoc Declaration Console X

<terminated> First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 2:09:22 pm – 2:09:43 pm) [pid: 5616]

Activate Windows
Go to Settings to activate Windows.

Writable

Smart Insert

4:5:47



21°C Partly cloudy





Package Explorer JUnit X



Finished after 1.244 seconds

Runs: 1/1 Errors: 0 Failures: 1



First_TestTest [Runner: JUnit 5] (0.097 s)

test() (0.097 s)

Failure Trace

org.opentest4j.AssertionFailedError: Not yet im
at JUnit5/Junit5.First_TestTest.test(First_TestTest
at java.base/java.util.ArrayList.forEach(ArrayLi
at java.base/java.util.ArrayList.forEach(ArrayLi

```
1 package Junit5;  
2  
3 import static org.junit.jupiter.api.Assertions.*;  
4  
5  
6  
7 class First_TestTest {  
8  
9     @Test  
10    void test() {  
11        fail("Not yet implemented");  
12    }  
13  
14 }  
15
```

Problems Javadoc Declaration Console X

<terminated> First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 2:09:22 pm – 2:09:43 pm) [pid: 5616]

Activate Windows
Go to Settings to activate Windows.

Writable

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1:1:0



Package Explorer JUnit X



Finished after 0.996 seconds

Runs: 1/1 Errors: 0 Failures: 0



> First_TestTest [Runner: JUnit 5] (0.200 s)

Failure Trace

.project first.java First_Test.java Assignment3... Assignment3... Assignment3... Assignment3... First_TestT...

```
1 package Junit5;
2
3 import static org.junit.jupiter.api.Assertions.*;
4
5
6
7 class First_TestTest {
8
9     @Test
10     void test() {
11         System.out.println("this is ran");
12     }
13
14 }
15
```

Problems Javadoc Declaration Console X

<terminated> First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 2:11:24 pm – 2:11:40 pm) [pid: 8008]

this is ran

Activate Windows
Go to Settings to activate Windows.

Writable

Smart Insert

11:42:195



Package Explorer JUnit X



Finished after 0.39 seconds

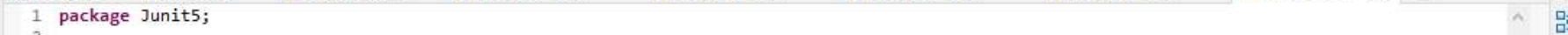
Runs: 1/1 Errors: 0 Failures: 0



> First_TestTest [Runner: JUnit 5] (0.057 s)

Failure Trace

.project first.java First_Test.java Assignment3... Assignment3... Assignment3... Assignment3... First_TestT... X



1 package Junit5;

2

3 import static org.junit.jupiter.api.Assertions.*;

4

5 import org.junit.jupiter.api.Test;

6

7 class First_TestTest {

8

9 @Test

10 void test() {

11 First_Test ob=new First_Test();

12 int expected=2;

13 int actual=ob.add(1, 1);

14 assertEquals(expected,actual);

15 }

16

17 }

18

Problems Javadoc Declaration Console X

<terminated> First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 2:38:45 pm - 2:38:54 pm) [pid: 6916]





Package Explorer JUnit X



Finished after 0.364 seconds

Runs: 1/1 Errors: 0 Failures: 1



First_TestTest [Runner: JUnit 5] (0.071 s)

test() (0.071 s)

Failure Trace

org.opentest4j.AssertionFailedError: expected:
at JUnit5/Junit5.First_TestTest.test(First_TestTest
at java.base/java.util.ArrayList.forEach(ArrayList:Li
at java.base/java.util.ArrayList.forEach(ArrayList:Li

```
1 package Junit5;  
2  
3 import static org.junit.jupiter.api.Assertions.*;  
4  
5 import org.junit.jupiter.api.Test;  
6  
7 class First_TestTest {  
8  
9     @Test  
10    void test() {  
11        First_Test ob=new First_Test();  
12        int expected=2;  
13        int actual=ob.add(1, 3);  
14        assertEquals(expected,actual);  
15    }  
16  
17 }  
18
```

Problems Javadoc Declaration Console X

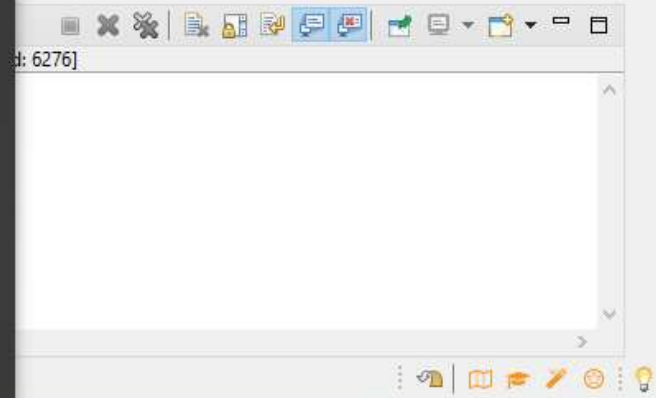
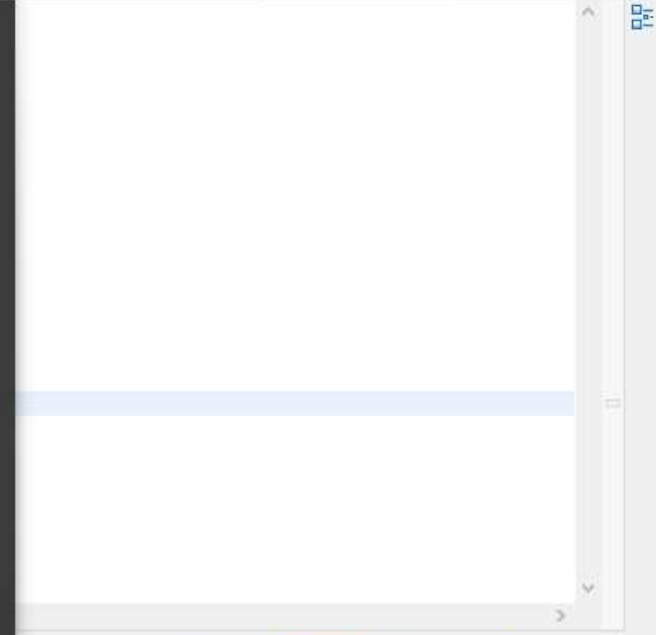
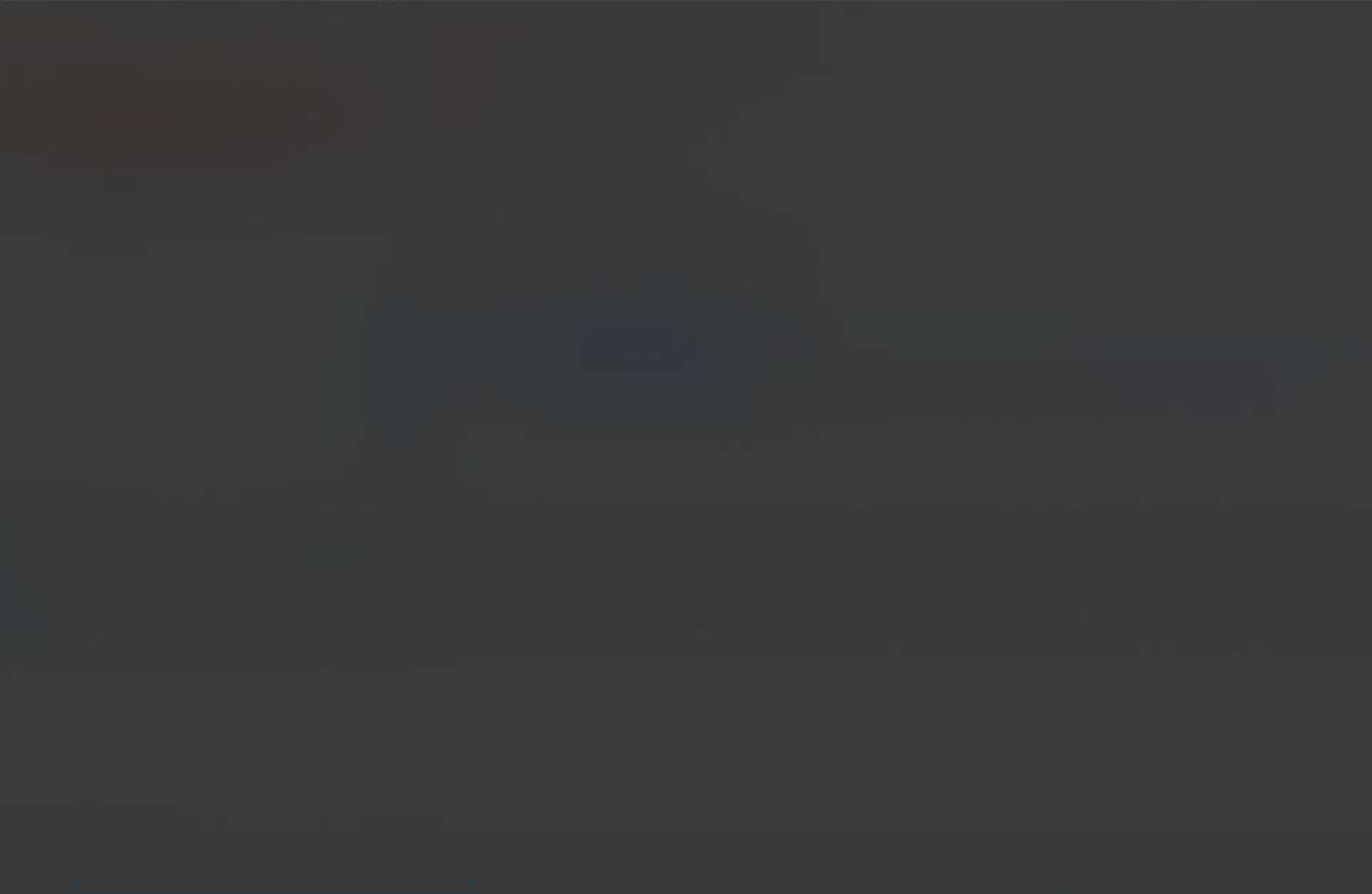
<terminated> First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 2:39:09 pm – 2:39:16 pm) [pid: 5960]

Writable

Smart Insert

13 : 31 : 238







Package Explorer JUnit X



Finished after 0.445 seconds

Runs: 2/2 Errors: 0 Failures: 1



First_TestTest [Runner: JUnit 5] (0.088 s)

testComputeCircleArea() (0.076 s)

test() (0.007 s)

Failure Trace

org.opentest4j.AssertionFailedError: This is wrong Area
at JUnit5/Junit5.First_TestTest.testComputeCircleArea()
at java.base/java.util.ArrayList.forEach(ArrayList.java:1541)
at java.base/java.util.ArrayList.forEach(ArrayList.java:1541)

```
1 package Junit5;
2
3 import static org.junit.jupiter.api.Assertions.*;
4
5 import org.junit.jupiter.api.Test;
6
7 class First_TestTest {
8
9     @Test
10     void test() {
11         First_Test ob=new First_Test();
12         int expected=2;
13         int actual=ob.add(1, 1);
14         assertEquals(expected,actual);
15     }
16
17     @Test
18     void testComputeCircleArea() {
19         First_Test ob=new First_Test();
20         assertEquals(314.1592653579893, ob.ComputeCircleArea(10),"This is wrong Area");
21     }
22 }
23
```

Problems Javadoc Declaration Console X

<terminated> Rerun First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 2:59:59 pm – 3:00:07 pm) [pid: 6276]

Writable

Smart Insert

13 : 33 : 240





Package Explorer JUnit X

Finished after 0.445 seconds

Runs: 2/2 Errors: 0 Failures: 1

First_TestTest [Runner: JUnit 5] (0.088 s)
testComputeCircleArea() (0.076 s)
test() (0.007 s)

Failure Trace

org.opentest4j.AssertionFailedError: This is wrong
at JUnit5/Junit5.First_TestTest.testComputeCircleArea() (0.076 s)
at java.base/java.util.ArrayList.forEach(ArrayList.java:1541)
at java.base/java.util.ArrayList.forEach(ArrayList.java:1541)

```
1 package JUnit5;  
2  
3 import static org.junit.jupiter.api.Assertions.*;  
4  
5 import org.junit.jupiter.api.Test;  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23
```

Result Comparison

testComputeCircleArea(Junit5.First_TestTest)

Expected

1 314.1592653579893

Actual

1 0.0

OK

Problems Javadoc Declaration Console X

<terminated> Rerun First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 2:59:59 pm - 3:00:07 pm) [pid: 6276]





Package Explorer JUnit X

Finished after 0.445 seconds

Runs: 2/2 Errors: 0 Failures: 1

First_TestTest [Runner: JUnit 5] (0.088 s)
testComputeCircleArea() (0.076 s)
test() (0.007 s)

Failure Trace

org.opentest4j.AssertionFailedError: This is wro
at JUnit5/Junit5.First_TestTest.testComputeCirc
at java.base/java.util.ArrayList.forEach(ArrayLi
at java.base/java.util.ArrayList.forEach(ArrayLi

.project first.java *First_Test... Assignment3... Assignment3... Assignment3... Assignment3... First_TestT...

```
1 package Junit5;  
2  
3 public class First_Test {  
4  
5     public int add(int a,int b) {  
6         return a+b;  
7     }  
8     public double ComputeCircleArea(double radius) {  
9         return 3.14*radius*radius;  
10    }  
11  
12 }  
13
```

Problems Javadoc Declaration Console X

<terminated> Rerun First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 2:59:59 pm – 3:00:07 pm) [pid: 6276]

Writable

Smart Insert

9:34:178





Finished after 0.406 seconds

Runs: 2/2 Errors: 0 Failures: 0

> First_TestTest [Runner: JUnit 5] (0.079 s)

Failure Trace

```
1 package Junit5;
2
3 import static org.junit.jupiter.api.Assertions.*;
4
5 import org.junit.jupiter.api.Test;
6
7 class First_TestTest {
8
9     @Test
10     void test() {
11         First_Test ob=new First_Test();
12         int expected=2;
13         int actual=ob.add(1, 1);
14         assertEquals(expected,actual);
15     }
16     @Test
17     void testComputeCircleArea() {
18         First_Test ob=new First_Test();
19         assertEquals(314.0, ob.ComputeCircleArea(10),"This is wrong Area");
20     }
21 }
22
23
```

Problems Javadoc Declaration Console

<terminated> Rerun First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 3:02:26 pm – 3:02:31 pm) [pid: 7944]



31°C Sunny



03:02 PM

24-02-2023

Package Explorer JUnit X

Finished after 0.418 seconds

Runs: 3/3 Errors: 0 Failures: 0

> First_TestTest [Runner: JUnit 5] (0.071 s)

Failure Trace

```
1 package Junit5;
2
3 import static org.junit.jupiter.api.Assertions.*;
4
5 import org.junit.jupiter.api.Test;
6
7 class First_TestTest {
8
9     @Test
10     void test() {
11         First_Test ob=new First_Test();
12         int expected=2;
13         int actual=ob.add(1, 1);
14         assertEquals(expected,actual);
15     }
16
17     @Test
18     void testComputeCircleArea() {
19         First_Test ob=new First_Test();
20         assertEquals(314.0, ob.ComputeCircleArea(10),"This is wrong Area");
21     }
22
23     @Test
24     void testDivide() {
25         First_Test ob=new First_Test();
26         assertThrows(ArithmeticException.class,()->ob.divide(1, 0),"Divide by Zero should throw");
27     }
28 }
```

Problems @ Javadoc Declaration Console X

<terminated> Rerun First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 3:21:46 pm - 3:21:55 pm) [pid: 3732]



Package Explorer JUnit X



Finished after 0.564 seconds

Runs: 3/3 Errors: 0 Failures: 1



First_TestTest [Runner: JUnit 5] (0.174 s)

testComputeCircleArea() (0.077 s)

test() (0.011 s)

testDivide() (0.071 s)

Failure Trace

org.opentest4j.AssertionFailedError: Divide by Zero should th
at JUnit5/Junit5.First_TestTest.testDivide(First_TestTest.java:24
at java.base/java.util.ArrayList.forEach(ArrayList.java:1511)
at java.base/java.util.ArrayList.forEach(ArrayList.java:1511)
Caused by: java.lang.ArithmeticException: / by zero
at JUnit5/Junit5.First_Test.divide(First_Test.java:12)
at JUnit5/Junit5.First_TestTest.lambda\$0(First_TestTest.java:24
... 73 more

```
.project first.java First_Test.java Assignment3... Assignment3... Assignment3... First_TestT... X »  
1 package Junit5;  
2  
3 import static org.junit.jupiter.api.Assertions.*;  
4  
5 import org.junit.jupiter.api.Test;  
6  
7 class First_TestTest {  
8  
9     @Test  
10    void test() {  
11        First_Test ob=new First_Test();  
12        int expected=2;  
13        int actual=ob.add(1, 1);  
14        assertEquals(expected,actual);  
15    }  
16    @Test  
17    void testComputeCircleArea() {  
18        First_Test ob=new First_Test();  
19        assertEquals(314.0, ob.ComputeCircleArea(10),"This is wrong Area");  
20    }  
21    @Test  
22    void testDivide() {  
23        First_Test ob=new First_Test();  
24        assertThrows(NullPointerException.class,()->ob.divide(1, 0),"Divide by Zero should throw");  
25    }  
26 }  
27  
28
```

Problems @ Javadoc Declaration Console X

<terminated> Rerun First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 3:23:14 pm - 3:23:19 pm) [pid: 8464]





Finished after 0.564 seconds

Runs: 3/3 Errors: 0 Failures: 1



First_TestTest [Runner: JUnit 5] (0.174 s)

- testComputeCircleArea() (0.077 s)
- test() (0.011 s)
- testDivide() (0.071 s)

Failure Trace

org.opentest4j.AssertionFailedError: Divide by Zero should th
at JUnit5/JUnit5.First_TestTest.testDivide(First_TestTest.java:24
at java.base/java.util.ArrayList.forEach(ArrayList.java:1511)
at java.base/java.util.ArrayList.forEach(ArrayList.java:1511)
Caused by: java.lang.ArithmeticException: / by zero
at JUnit5/JUnit5.First_Test.divide(First_Test.java:12)
at JUnit5/JUnit5.First_TestTest.lambda\$0(First_TestTest.java:24
... 73 more

Result Comparison

testDivide(JUnit5.First_TestTest)

Expected

1 class java.lang.NullPointerException

Actual

1 class java.lang.ArithmeticException



OK

Problems @ Javadoc Declaration Console X

<terminated> Rerun First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 3:23:14 pm - 3:23:19 pm) [pid: 8464]



Package Explorer JUnit X

Finished after 0.448 seconds

Runs: 3/3 Errors: 0 Failures: 0

> First_TestTest [Runner: JUnit 5] (0.097 s)

Failure Trace

```
2
3 import static org.junit.jupiter.api.Assertions.*;
4 import org.junit.jupiter.api.BeforeEach;
5 import org.junit.jupiter.api.Test;
6 class First_TestTest {
7     First_Test ob;
8     @BeforeEach
9     void init() {
10         ob=new First_Test();
11     }
12
13     @Test
14     void test() {
15         int expected=2;
16         int actual=ob.add(1, 1);
17         assertEquals(expected,actual);
18     }
19     @Test
20     void testComputeCircleArea() {
21         assertEquals(314.0, ob.ComputeCircleArea(10),"This is wrong Area");
22     }
23     @Test
24     void testDivide() {
25
26         assertThrows(ArithmeticException.class,()->ob.divide(1, 0),"Divide by Zero should throw");
27     }
28
29 }
30
```

Problems @ Javadoc Declaration Console X

<terminated> First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 3:42:30 pm – 3:42:39 pm) [pid: 6564]

Writable

Smart Insert

21:9:401

Finished after 0.56 seconds

Runs: 3/3 Errors: 0 Failures: 0

> First_TestTest [Runner: JUnit 5] (0.152 s)

Failure Trace

```
2
3 import static org.junit.jupiter.api.Assertions.*;
4
5 import org.junit.jupiter.api.AfterEach;
6 import org.junit.jupiter.api.BeforeEach;
7 import org.junit.jupiter.api.Test;
8 class First_TestTest {
9     First_Test ob;
10    @BeforeEach
11    void init() {
12        ob=new First_Test();
13    }
14    @AfterEach
15    void clean() {
16        System.out.println("cleaninig up.....");
17    }
18
19    @Test
20    void test() {
21        int expected=2;
22        int actual=ob.add(1, 1);
23        assertEquals(expected,actual);
24    }
25    @Test
26    void testComputeCircleArea() {
27        assertEquals(314.0, ob.ComputeCircleArea(10),"This is wrong Area");
28    }
29    @Test
30    void testDivide() {
```

Problems @ Javadoc Declaration Console X

<terminated> Rerun First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 3:45:57 pm - 3:46:06 pm) [pid: 7140]

```
cleaninig up.....
cleaninig up.....
cleaninig up.....
```


Package Explorer JUnit X

Finished after 0.56 seconds

Runs: 3/3 Errors: 0 Failures: 0

First_TestTest [Runner: JUnit 5] (0.152 s)

testComputeCircleArea() (0.118 s)

test() (0.008 s)

testDivide() (0.012 s)

Failure Trace

```
2
3 import static org.junit.jupiter.api.Assertions.*;
4
5 import org.junit.jupiter.api.AfterEach;
6 import org.junit.jupiter.api.BeforeEach;
7 import org.junit.jupiter.api.Test;
8 class First_TestTest {
9     First_Test ob;
10    @BeforeEach
11    void init() {
12        ob=new First_Test();
13    }
14    @AfterEach
15    void clean() {
16        System.out.println("cleaninig up.....");
17    }
18
19    @Test
20    void test() {
21        int expected=2;
22        int actual=ob.add(1, 1);
23        assertEquals(expected,actual);
24    }
25    @Test
26    void testComputeCircleArea() {
27        assertEquals(314.0, ob.ComputeCircleArea(10),"This is wrong Area");
28    }
29    @Test
30    void testDivide() {
```

Problems @ Javadoc Declaration Console X

<terminated> Rerun First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 3:45:57 pm - 3:46:06 pm) [pid: 7140]

```
cleaninig up.....
cleaninig up.....
cleaninig up.....
```


Finished after 0.491 seconds

Runs: 3/3 Errors: 0 Failures: 0

> First_TestTest [Runner: JUnit 5] (0.153 s)

Failure Trace

```
2
3 import static org.junit.jupiter.api.Assertions.*;
4
5 import org.junit.jupiter.api.AfterEach;
6 import org.junit.jupiter.api.BeforeAll;
7 import org.junit.jupiter.api.BeforeEach;
8 import org.junit.jupiter.api.Test;
9 class First_TestTest {
10     First_Test ob;
11     @BeforeAll
12     static void beforeall() {
13         System.out.println("it is run Before all...");
14     }
15     @BeforeEach
16     void init() {
17         ob=new First_Test();
18     }
19     @AfterEach
20     void clean() {
21         System.out.println("cleaninig up.....");
22     }
23
24     @Test
25     void test() {
26         int expected=2;
27         int actual=ob.add(1, 1);
28         assertEquals(expected,actual);
29     }
30     @Test
```

Problems @ Javadoc Declaration Console X

<terminated> Rerun First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 3:51:18 pm – 3:51:26 pm) [pid: 6672]

```
it is run Before all...
cleaninig up.....
cleaninig up.....
cleaninig up.....
```



Package Explorer JUnit X

Finished after 0.662 seconds

Runs: 3/3 Errors: 0 Failures: 0

> First_TestTest [Runner: JUnit 5] (0.256 s)

Failure Trace

```
1 package Junit5;
2
3 import static org.junit.jupiter.api.Assertions.*;
4
5 import org.junit.jupiter.api.AfterEach;
6 import org.junit.jupiter.api.BeforeAll;
7 import org.junit.jupiter.api.BeforeEach;
8 import org.junit.jupiter.api.Test;
9 import org.junit.jupiter.api.TestInstance;
10 @TestInstance(TestInstance.Lifecycle.PER_CLASS)
11 class First_TestTest {
12     First_Test ob;
13     @BeforeAll
14     void beforeall() {
15         System.out.println("it is run Before all...");
16     }
17     @BeforeEach
18     void init() {
19         ob=new First_Test();
20     }
21     @AfterEach
22     void clean() {
23         System.out.println("cleaninig up.....");
24     }
25
26     @Test
27     void test() {
28         int expected=2;
29         int actual=ob.add(1, 1);
```

Problems @ Javadoc Declaration Console X

<terminated> Rerun First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 5:14:47 pm - 5:14:54 pm) [pid: 1984]

it is run Before all...

cleaninig up.....

cleaninig up.....

cleaninig up.....



Package Explorer JUnit X

Finished after 0.497 seconds

Runs: 3/3 Errors: 0 Failures: 0

First_TestTest [Runner: JUnit 5] (0.088 s)

testComputeCircleArea() (0.065 s)

this is new name (0.010 s)

testDivide() (0.007 s)

Failure Trace

```
1 package JUnit5;
2
3 import static org.junit.jupiter.api.Assertions.*;
4
5 import org.junit.jupiter.api.AfterEach;
6 import org.junit.jupiter.api.BeforeAll;
7 import org.junit.jupiter.api.BeforeEach;
8 import org.junit.jupiter.api.DisplayName;
9 import org.junit.jupiter.api.Test;
10 import org.junit.jupiter.api.TestInstance;
11 @TestInstance(TestInstance.Lifecycle.PER_CLASS)
12 class First_TestTest {
13     First_Test ob;
14     @BeforeAll
15     void beforeall() {
16         System.out.println("it is run Before all...");
17     }
18     @BeforeEach
19     void init() {
20         ob=new First_Test();
21     }
22     @AfterEach
23     void clean() {
24         System.out.println("cleaninig up.....");
25     }
26
27     @Test
28     @DisplayName("this is new name")
29     void test() {
```

Problems @ Javadoc Declaration Console X

<terminated> Rerun First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 5:20:46 pm – 5:20:55 pm) [pid: 7776]

it is run Before all...

cleaninig up.....

cleaninig up.....

cleaninig up.....



Package Explorer JUnit X

Finished after 0.638 seconds

Runs: 3/3 (1 skipped) Errors: 0 Failures: 0

First_TestTest [Runner: JUnit 5] (0.153 s)

testComputeCircleArea() (0.124 s)

this is new name (0.000 s)

testDivide() (0.008 s)

Failure Trace

.project first.java First_Test.java Assignment3... Assignment3... Assignment3... First_TestT... X »

15 @BeforeAll

16 void beforeall() {

17 System.out.println("it is run Before all...");

18 }

19 @BeforeEach

20 void init() {

21 ob=new First_Test();

22 }

23 @AfterEach

24 void clean() {

25 System.out.println("cleaninig up....");

26 }

27 }

28 @Test

29 @Disabled

30 @DisplayName("this is new name")

31 void test() {

32 int expected=2;

33 int actual=ob.add(1, 1);

34 assertEquals(expected,actual);

35 }

36 @Test

37 void testComputeCircleArea() {

38 assertEquals(314.0, ob.ComputeCircleArea(10),"This is wrong Area");

39 }

40 @Test

41 void testDivide() {

42

43 assertThrows(ArithmeticException.class()->ob.divide(1. 0)."Divide hv Zero should throw");

Problems @ Javadoc Declaration Console X

<terminated> Rerun First_TestTest [JUnit] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (24-Feb-2023, 5:22:37 pm - 5:22:44 pm) [pid: 9644]

it is run Before all...

cleaninig up....

cleaninig up....

