

Package Explorer X

- > Annotation [Desktop master]
- > Array
- > assign
- > ExpressionLambda
- > Java\_11\_Features [Desktop master]
- > jdbc [Desktop master]
- > lambda [Desktop master]

annotation.java Annotation2.java To\_Array.java X

```
1 package Java_Features;
2
3 import java.util.ArrayList;
4 import java.util.Arrays;
5
6 public class To_Array {
7     public static void main(String[] args) {
8         ArrayList<Integer> list=new ArrayList<>();
9         list.add(1);
10        list.add(2);
11        System.out.println(list);
12        Integer[] arr=list.stream().toArray(size->new Integer[size]);
13        System.out.println(Arrays.toString(arr));
14        Integer[] arr2=list.toArray(size->new Integer[size]);
15        System.out.println(Arrays.toString(arr2));
16        Integer[] arr3=list.toArray(Integer[]::new);
17        System.out.println(Arrays.toString(arr3));
18    }
19
20 }
```

Problems @ Javadoc Declaration Console X

&lt;terminated&gt; To\_Array [Java Application] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (19-Feb-2023, 11:40:17 am – 11:40:19 am) [pid: 4264]

```
[1, 2]
[1, 2]
[1, 2]
[1, 2]
```

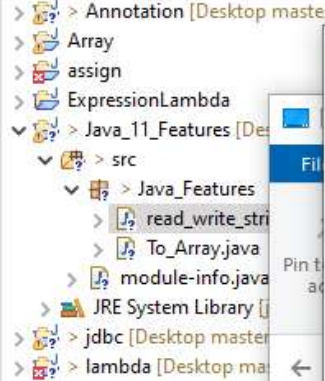
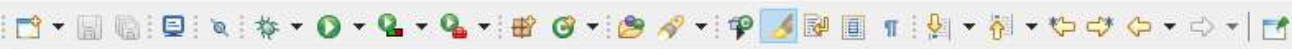
Activate Windows  
Go to Settings to activate Windows.

Writable

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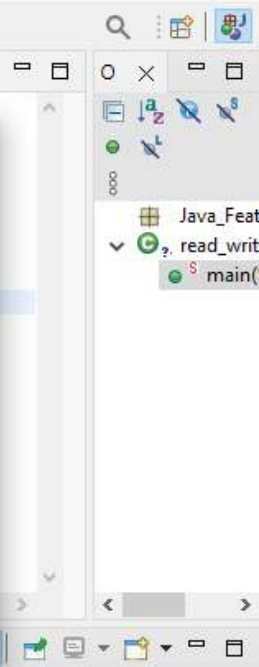
```
1 package Java_Features;
```

read\_write - Notepad

File Edit Format View Help

hii my name is adarsh patel.

Ln 1, Col 1 100% Windows (CRLF) UTF-8



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Package Explorer

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      - read\_write\_string.java
      - To\_Array.java
      - module-info.java
  - > JRE System Library [jdk-17.0.5]
  - > jdbc [Desktop master]
  - > lambda [Desktop master]

To\_Array.java read\_write\_string.java

```
1 package Java_Features;
2
3 import java.nio.file.Files;
4 import java.nio.file.Path;
5 import java.nio.file.StandardOpenOption;
6
7 public class read_write_string {
8     public static void main(String[] args) {
9         try {
10             var path="C:\\Users\\admin\\Desktop\\read_write.txt";
11             String data=Files.readString(Path.of(path));
12             System.out.println(data);
13             Files.writeString(Path.of(path), "this is new data", StandardOpenOption.APPEND);
14             String data1=Files.readString(Path.of(path));
15             System.out.println(data1);
16         } catch (Exception e) {
17             System.out.println(e);
18         }
19     }
20 }
```

Problems @ Javadoc Declaration Console

&lt;terminated&gt; read\_write\_string [Java Application] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (19-Feb-2023, 12:11:55 pm - 12:11:58 pm) [pid: 4976]

```
hii my name is adarsh patel.
hii my name is adarsh patel.this is new data
```

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Writable

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15 : 38 : 513

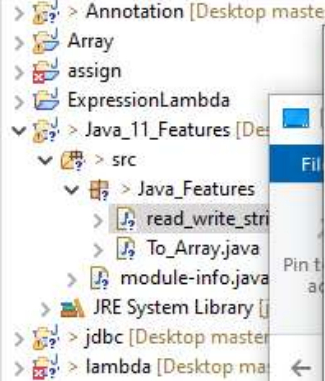


26°C



ENG

12:12 PM  
19-02-2023



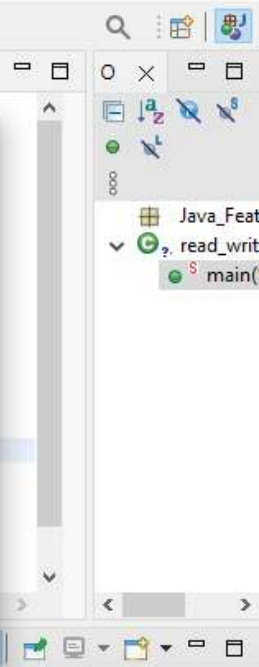
```
1 package Java_Features;
```

read\_write - Notepad

File Edit Format View Help

hii my name is adarsh patel.this is new data

Ln 1, Col 1 100% Windows (CRLF) UTF-8

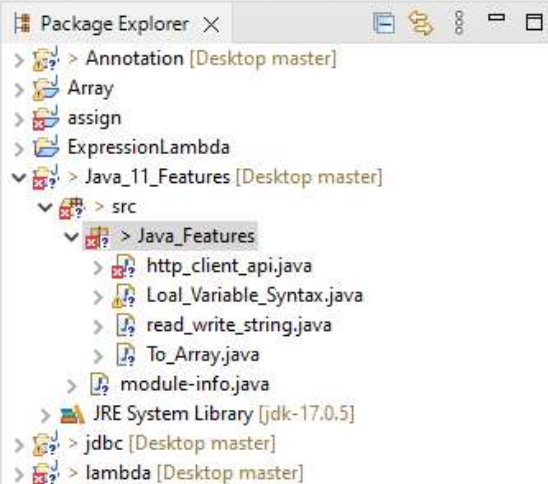


Activate Windows  
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eclipse-workspace - Java\_11\_Features/src/Java\_Features/Loal\_Variable\_Syntax.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help



```
1 package Java_Features;
2
3 public class Loal_Variable_Syntax {
4     public static void main(String[] args) {
5         int x=87;
6         int y=28;
7         funinter funobj=(int a,int b)->a+b;
8     }
9 }
10
11 }
12 interface funinter{
13     int operation(int a,int b);
14 }
```

Problems Javadoc Declaration Console  
<terminated> read\_write\_string [Java Application] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (19-Feb-2023, 1:20:26 pm – 1:20:31 pm) [pid: 9892]

Package Explorer

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      - Loal\_Variable\_Syntax.java
      - option\_isempty.java
      - read\_write\_string.java
      - To\_Array.java
      - module-info.java
    - JRE System Library [jdk-17.0.5]
    - > jdbc [Desktop master]
    - > lambda [Desktop master]

To\_Array.java read\_write\_string.java http\_client\_api.java Loal\_Variable\_Syntax.java option\_isempty.java

```
1 package Java_Features;
2
3 import java.util.Optional;
4
5 public class option_isempty {
6     public static void main(String[] args) {
7         Optional o=Optional.of("");
8         System.out.println(o);
9         System.out.println(o.isEmpty());
10        o=b.empty();
11        System.out.println(o.isEmpty());
12    }
13
14 }
15
```

Problems Javadoc Declaration Console

&lt;terminated&gt; option\_isempty [Java Application] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (19-Feb-2023, 1:25:57 pm – 1:26:06 pm) [pid: 8624]

Optional[ ]  
false  
trueActivate Windows  
Go to Settings to activate Windows.

The static method empty() from the type Optional should be accessed in a static way

Writable

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10:11:229



## Java 11 new features | run or execute java program without compilation

Adarsh Patel

demo - Notepad

File Edit Format View Help

```
public class demo{  
    public static void main(String[] args) {  
        System.out.println("Start now");  
    }  
}
```

Ln 1, Col 18

100%

Windows (CRLF)

UTF-8



Type here to search



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01:40 PM  
19-02-2023

Command Prompt

```
C:\Users\admin>cd desktop
C:\Users\admin\Desktop>javac demo.java
C:\Users\admin\Desktop>java demo
Start now
C:\Users\admin\Desktop>java demo.java
Start now
C:\Users\admin\Desktop>
```

Ln 1, Col 18

100%

Windows (CRLF)

UTF-8

Type here to search

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01:40 PM

19-02-2023

Hide blocks

46

Progress % 0

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Package Explorer

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      - Loal\_Variable\_Syntax.java
      - option\_isempty.java
      - read\_write\_string.java
      - String\_Changes.java
      - To\_Array.java
      - without\_compilation.java
    - module-info.java
  - > jdbc [Desktop master]
  - > lambda [Desktop master]

```
1 package Java_Features;
2
3
4
5 public class String_Changes {
6     public static void main(String[] args) {
7         String s="welcome \n"
8             + "Adarsh";
9         String s1=" ";
10        String s2=" new ";
11        System.out.println(s.isBlank());
12        System.out.println(s1.isBlank());
13        s.lines().forEach(System.out::println);
14        System.out.println(s2.strip());
15        System.out.println(s.repeat(10));
16    }
```

Problems @ Javadoc Declaration Console

<terminated> String\_Changes [Java Application] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (19-Feb-2023, 2:04:25 pm - 2:04:34 pm) [pid: 4996]

```
false
true
welcome
Adarsh
new
welcome
Adarshwelcome
Adarshwelcome
Adarshwelcome
Adarshwelcome
Adarshwelcome
Adarshwelcome
Adarshwelcome
Adarshwelcome
Adarshwelcome
Adarsh
```

Activate Windows  
Go to Settings to activate Windows.

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15 : 35 : 363

