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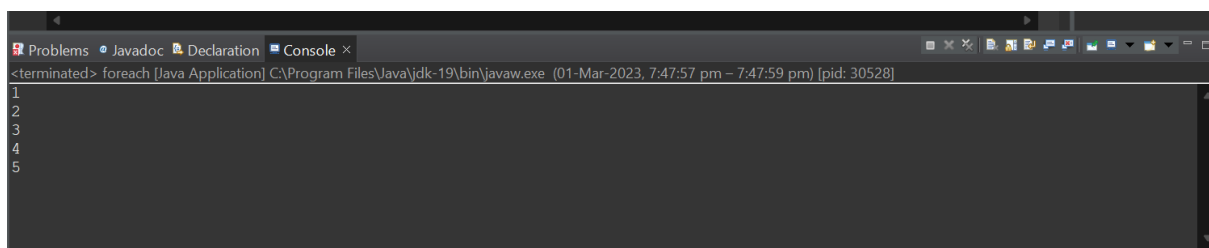
Tecnotree ,Mysore

## Java Assignment-4

**1. Create an array of integers and use a for loop to print out each element of the array.**

<https://codeshare.io/BA7BNb>

**OUTPUT:**

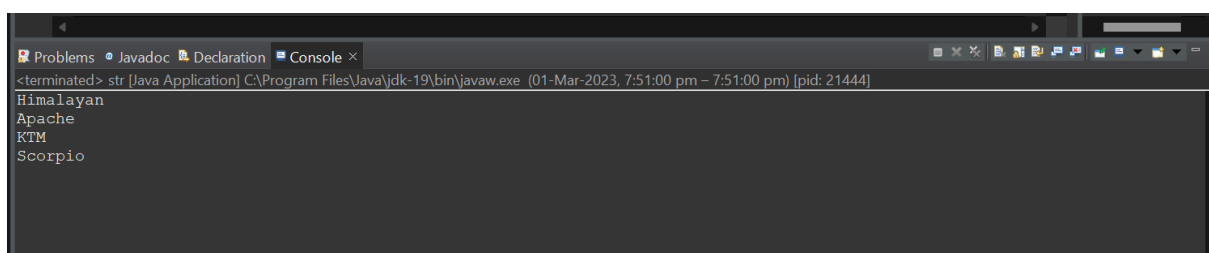


```
<terminated> foreach [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 7:47:57 pm - 7:47:59 pm) [pid: 30528]
1
2
3
4
5
```

**2. Create an array of strings and use a for-each loop to print out each element of the array.**

<https://codeshare.io/km8X44>

**OUTPUT:**

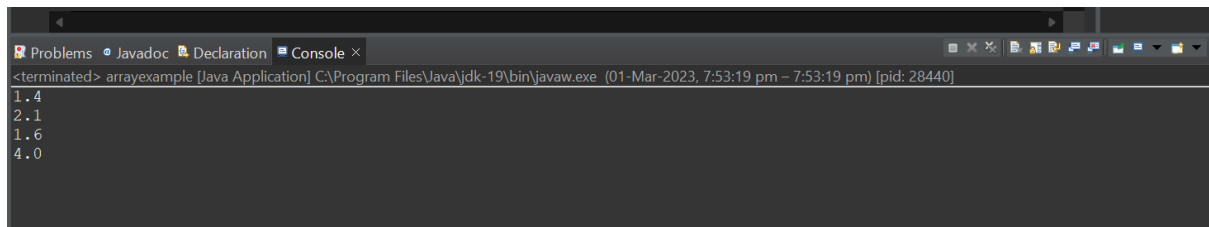


```
<terminated> str [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 7:51:00 pm - 7:51:00 pm) [pid: 21444]
Himalayan
Apache
KTM
Scorpio
```

**3. Create an array of doubles and use a while loop to print out each element of the array.**

<https://codeshare.io/0gvZmQ>

**OUTPUT:**

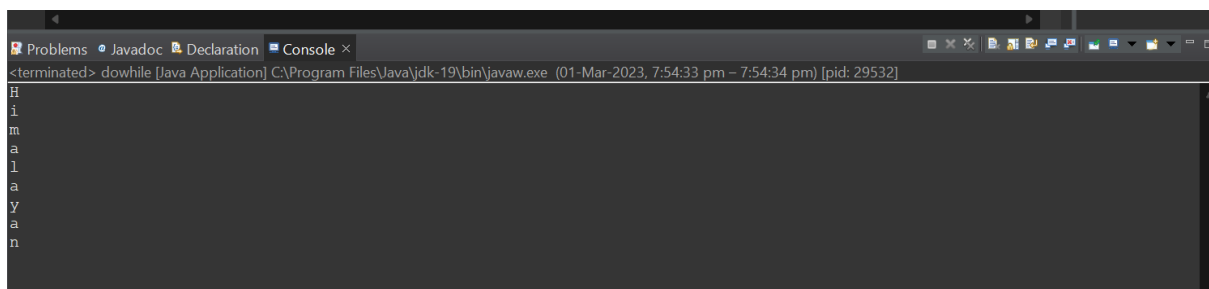


```
<terminated> arrayexample [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 7:53:19 pm - 7:53:19 pm) [pid: 28440]
1.4
2.1
1.6
4.0
```

**4. Create an array of characters and use a do-while loop to print out each element of the array.**

<https://codeshare.io/78mBvY>

**OUTPUT:**

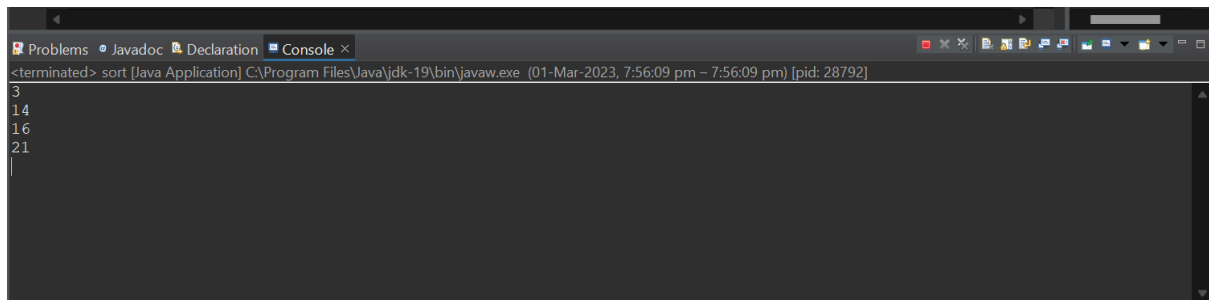


```
<terminated> dowhile [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 7:54:33 pm - 7:54:34 pm) [pid: 29532]
H
i
m
a
l
a
y
a
n
```

**5. Create an array of integers and use the Arrays class method sort() to sort the array in ascending order.**

<https://codeshare.io/WdEJ3b>

**OUTPUT:**

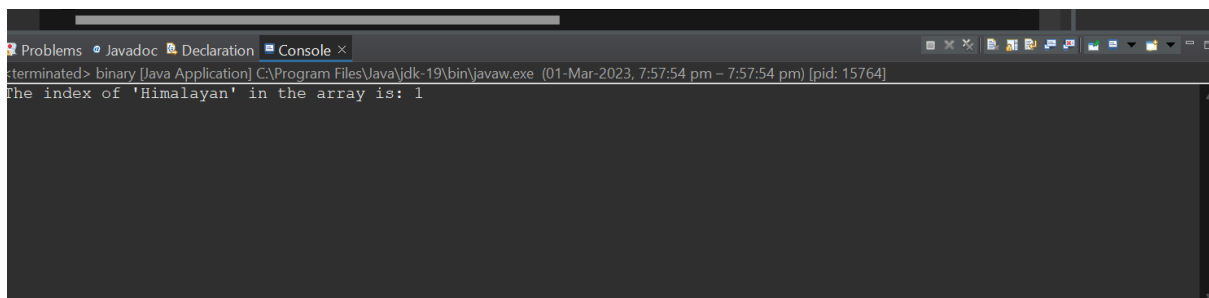


```
Problems Javadoc Declaration Console x
<terminated> sort [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 7:56:09 pm - 7:56:09 pm) [pid: 28792]
3
14
16
21
|
```

**6. Create an array of strings and use the Arrays class method binarySearch() to find the index of a specific string in the array.**

<https://codeshare.io/wnvbwJ>

**OUTPUT:**

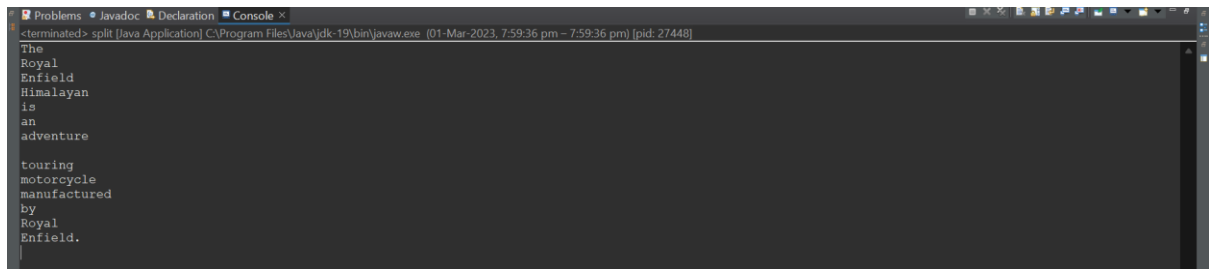


```
Problems Javadoc Declaration Console x
<terminated> binary [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 7:57:54 pm - 7:57:54 pm) [pid: 15764]
The index of 'Himalayan' in the array is: 1
```

**7. Create a string and use the String class method split() to split the string into an array of substrings.**

<https://codeshare.io/j0dJ3A>

**OUTPUT:**

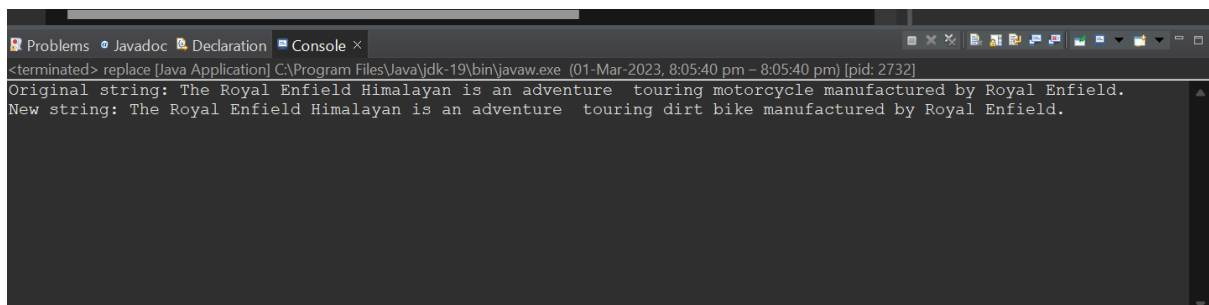


```
Problems Javadoc Declaration Console x
<terminated> split [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 7:59:36 pm - 7:59:36 pm) [pid: 27448]
The
Royal
Enfield
Himalayan
is
an
adventure
touring
motorcycle
manufactured
by
Royal
Enfield.
```

**8. Create a string and use the String class method replace() to replace a specific substring in the string with a new substring.**

<https://codeshare.io/8plBAJ>

**OUTPUT:**

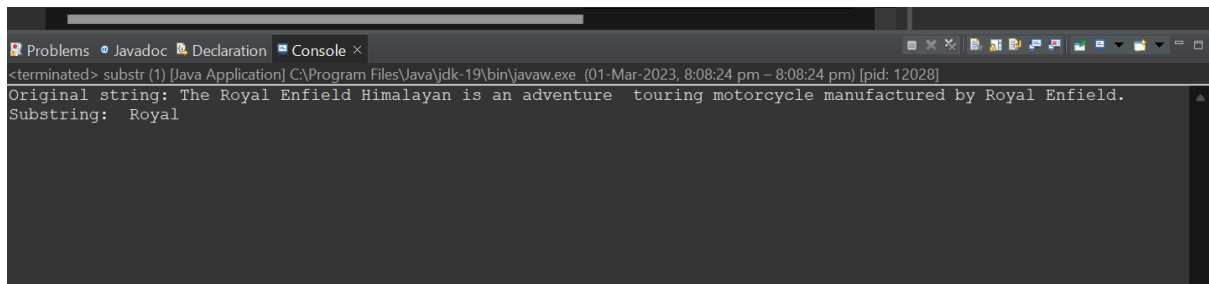


```
Problems Javadoc Declaration Console x
<terminated> replace [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 8:05:40 pm - 8:05:40 pm) [pid: 2732]
Original string: The Royal Enfield Himalayan is an adventure touring motorcycle manufactured by Royal Enfield.
New string: The Royal Enfield Himalayan is an adventure touring dirt bike manufactured by Royal Enfield.
```

**9. Create a string and use the String class method substring() to extract a portion of the string.**

<https://codeshare.io/j0dJpD>

**OUTPUT:**

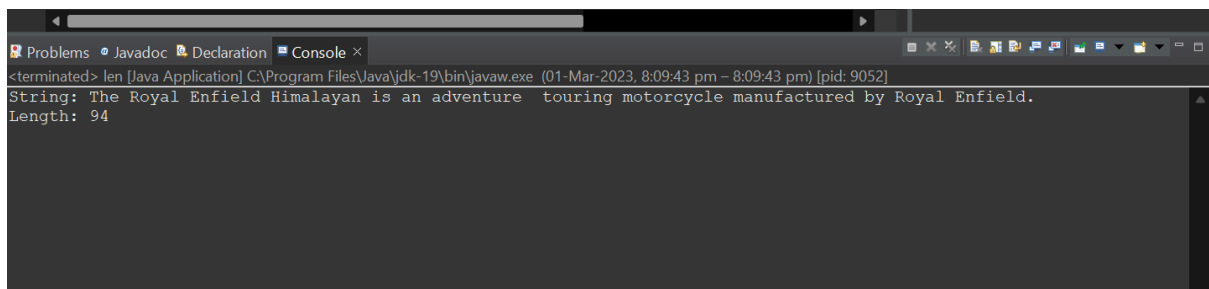


```
<terminated> substr (1) [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 8:08:24 pm - 8:08:24 pm) [pid: 12028]
Original string: The Royal Enfield Himalayan is an adventure touring motorcycle manufactured by Royal Enfield.
Substring: Royal
```

**10. Create a string and use the String class method length() to find the length of the string.**

<https://codeshare.io/MNEK0R>

**OUTPUT:**



```
<terminated> len [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 8:09:43 pm - 8:09:43 pm) [pid: 9052]
String: The Royal Enfield Himalayan is an adventure touring motorcycle manufactured by Royal Enfield.
Length: 94
```