

Assignment-4

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

```
Console ×
<terminated> Array (4) [Java Application] C:\Users\riyazsy\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1
apple
banana
orange
kiwi
pear
```

<https://codeshare.io/r9IM3V>

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

```
Console ×
<terminated> StringArray [Java Application] C:\Users\riyazsy\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1
Hello
world
this
is
Java
```

<https://codeshare.io/VZEqa8>

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

```
Console ×
<terminated> DoubleArray [Java Application] C:\Users\riyazsy\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1
3.14
2.71
1.618
0.0
-1.0
```

<https://codeshare.io/pqkMD0>

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

```
Console ×
<terminated> CharArray [Java Application] C:\Users\riyazsy\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1
H
e
l
l
o
```

<https://codeshare.io/pqkMD0>

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

```
Console ×
<terminated> IntArray [Java Application] C:\Users\riyazsy\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-17
[1, 2, 3, 5, 8, 9]
```

<https://codeshare.io/bvOg3O>

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

```
Console ×
<terminated> StringArray [Java Application] C:\Users\riyazsy\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204
Hello
world
this
is
Java
```

<https://codeshare.io/MNED6J>

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

```
Console ×
<terminated> SplitMethod [Java Application] C:\Users\riyazsy\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204
apple
banana
cherry
date
elderberry
```

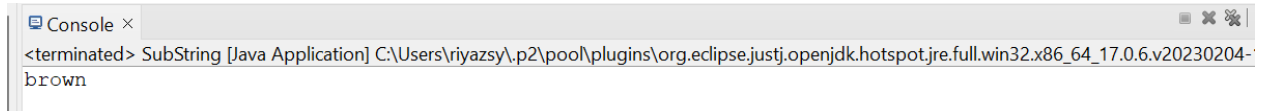
<https://codeshare.io/K8EDzM>

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

```
Console ×
<terminated> StringReplace [Java Application] C:\Users\riyazsy\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204
The quick red fox jumps over the lazy dog.
```

<https://codeshare.io/LwEDQK>

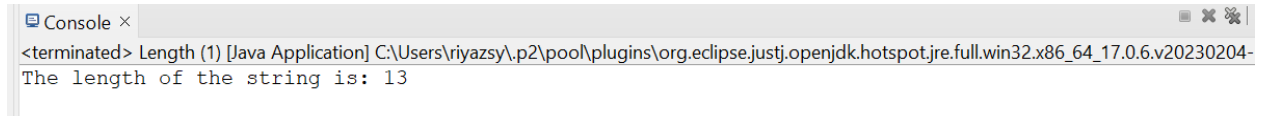
9. Create a string and use the String class method `substring()` to extract a portion of the string.



```
Console ×
<terminated> SubString [Java Application] C:\Users\riyazsy\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-
brown
```

<https://codeshare.io/YLExpR>

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



```
Console ×
<terminated> Length (1) [Java Application] C:\Users\riyazsy\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-
The length of the string is: 13
```

<https://codeshare.io/km8gBA>