ASSIGNMENT-04

1.Create an array of integers and use a for loop to print out each element of the array.
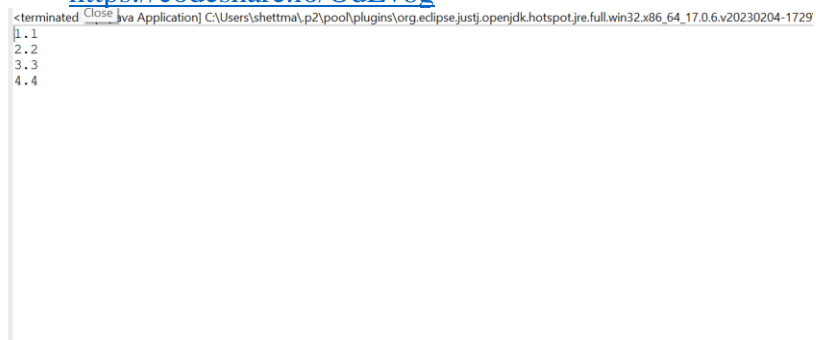https://codeshare.io/qPmM9q
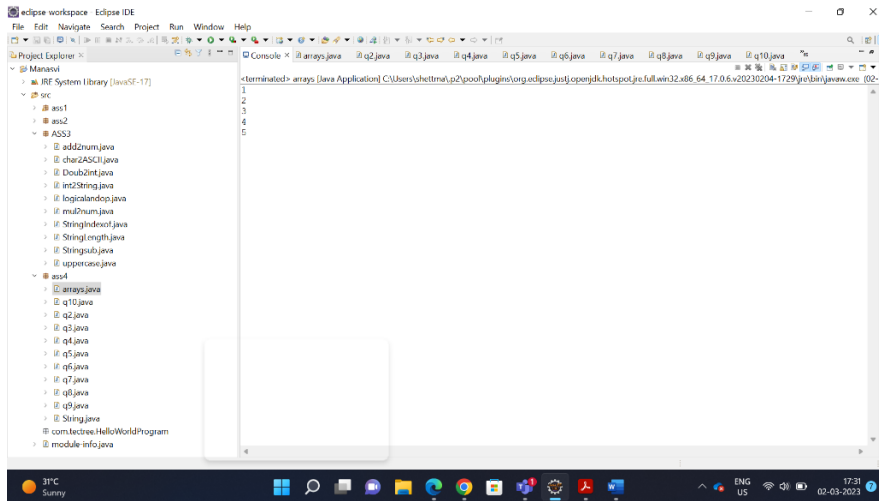
2.Create an array of strings and use a for-each loop to print out each element of the array.
https://codeshare.io/JbMDwR
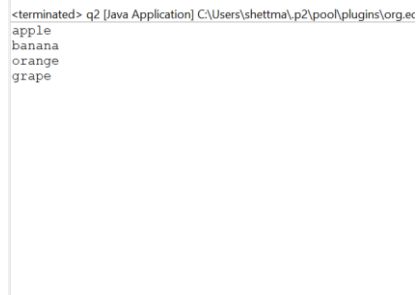
3.Create an array of doubles and use a while loop to print out each element of the array.
https://codeshare.io/OdEv8g

4.Create an array of characters and use a do-while loop to print out each element of the array.
https://codeshare.io/eV6vLK

```
<terminated> q3 [Java Application] C:\Users\shettma\.p2\pool\plugins\org.eclipse.justj.ope
a
b
c
d
```

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

```
<terminated> q5 [Java Application] C:\Users\shettma\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1729\jre\bin\javaw.exe
1 2 3 4 5
```

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

```
<terminated> q6 [Java Application] C:\Users\shettma\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64...
The index of "date" in the array is: 3
```

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

```
<terminated> q7 [Java Application] C:\Users\shettma\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v2023020...
apple
banana
pear
grape
orange
```

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/qPmMEZ

```
<terminated> q8 [Java Application] C:\Users\shettma\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32_64_17.0.0.v202302
Original string: moons is white
New string: moons is black
```

9.Create a string and use the String class method substring() to extract a portion of the string.
https://codeshare.io/pqkMEX

```
<terminated> q9 [Java Application] C:\Users\shettma\p2\pool\plugins\org.eclipse.justj.openjdk.hot
Original string: The quick brown fox jumps over the lazy dog
Substring: brown
```

10.Create a string and use the String class method length() to find the length of the string.
https://codeshare.io/zyAMJD

```
<terminated> q10 [Java Application] C:\Users\shettma\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.
String: LEADERS' INTERNATIONAL SCHOOL
Length: 29
```

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