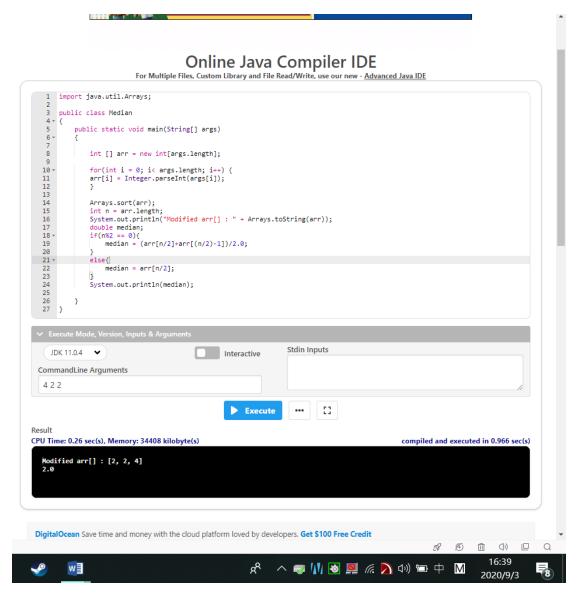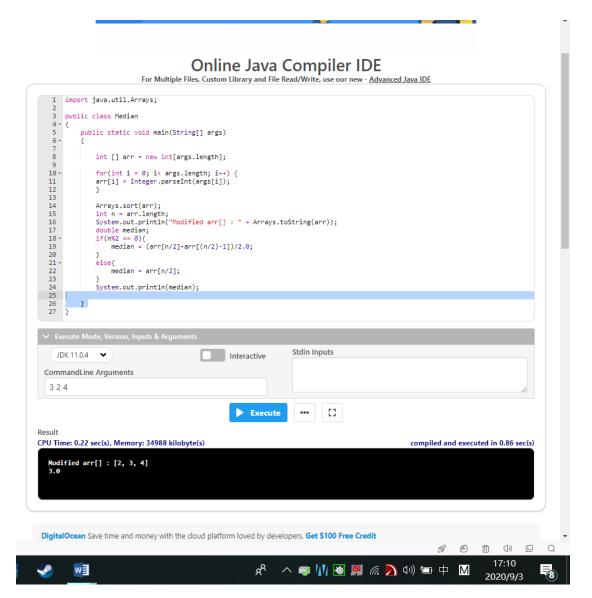The code is :

```java
import java.util.Arrays;

public class Median
{
    public static void main(String[] args)
    {

        int [] arr = new int[args.length];

        for(int i = 0; i< args.length; i++) {
        arr[i] = Integer.parseInt(args[i]);
        }

        Arrays.sort(arr);
        int n = arr.length;
        System.out.println("Modified arr[] : " + Arrays.toString(arr));
        double median;
        if(n%2 == 0){
            median = (arr[n/2]+arr[(n/2)-1])/2.0;
        }
        else{
            median = arr[n/2];
        }
        System.out.println(median);

    }
}
```

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```java
1  import java.util.Arrays;
2
3  public class Median
4  {
5      public static void main(String[] args)
6      {
7
8          int [] arr = new int[args.length];
9
10         for(int i = 0; i< args.length; i++) {
11         arr[i] = Integer.parseInt(args[i]);
12         }
13
14         Arrays.sort(arr);
15         int n = arr.length;
16         System.out.println("Modified arr[] : " + Arrays.toString(arr));
17         double median;
18         if(n%2 == 0){
19             median = (arr[n/2]+arr[(n/2)-1])/2.0;
20         }
21         else{
22             median = arr[n/2];
23         }
24         System.out.println(median);
25
26     }
27 }
```

Execute Mode, Version, Inputs & Arguments

JDK 11.0.4 ▾   Interactive   Stdin Inputs

CommandLine Arguments

4 2 2

▶ Execute   •••   ⌗

Result

CPU Time: 0.26 sec(s), Memory: 34408 kilobyte(s)   compiled and executed in 0.966 sec(s)

```
Modified arr[] : [2, 2, 4]
2.0
```

Enter the 4 2 2 , get the median value is 2

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```java
1   import java.util.Arrays;
2
3   public class Median
4 ▾ {
5       public static void main(String[] args)
6 ▾     {
7
8           int [] arr = new int[args.length];
9
10 ▾        for(int i = 0; i< args.length; i++) {
11              arr[i] = Integer.parseInt(args[i]);
12          }
13
14          Arrays.sort(arr);
15          int n = arr.length;
16          System.out.println("Modified arr[] : " + Arrays.toString(arr));
17          double median;
18 ▾        if(n%2 == 0){
19              median = (arr[n/2]+arr[(n/2)-1])/2.0;
20          }
21 ▾        else{
22              median = arr[n/2];
23          }
24          System.out.println(median);
25
26      }
27  }
```

∨ Execute Mode, Version, Inputs & Arguments

JDK 11.0.4 ∨   ⬜ Interactive   Stdin Inputs

CommandLine Arguments

3 2 4

▶ Execute   •••   ⌐⌐

Result
CPU Time: 0.22 sec(s), Memory: 34988 kilobyte(s)   compiled and executed in 0.86 sec(s)

```
Modified arr[] : [2, 3, 4]
3.0
```

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Enter 3 2 4 , can get the median value is 3