





```
1 package project;
2 //To find largest Element in an Array
3 public class LargestElement {
4     public static void main(String[] args) {
5         int []a= {1,2,3,4,5,6,7,8,9,10};
6         int large=a[0];
7         for(int i=0;i<=a.length-1;i++) {
8             if(a[i]>large) {
9                 large=a[i];
10            }
11        }System.out.println(large);
12    }
13
14 }
15
```

 Problems  Javadoc  Declaration  Console ×

<terminated> LargestElement [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe

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```
1 package project;
2 //To Merge two Arrays
3 public class MergeArray {
4
5     public static void main(String[] args) {
6         int[] array1 = {1, 3, 5, 7};
7         int[] array2 = {2, 4, 6, 8};
8         int[] mergedArray = new int[array1.length + array2.length];
9
10        int i = 0, j = 0, k = 0;
11        while (i < array1.length && j < array2.length) {
12            if (array1[i] < array2[j]) {
13                mergedArray[k++] = array1[i++];
14            } else {
15                mergedArray[k++] = array2[j++];
16            }
17        }
18        while (i < array1.length) {
19            mergedArray[k++] = array1[i++];
20        }
21        while (j < array2.length) {
22            mergedArray[k++] = array2[j++];
23        }
24
25        System.out.print("Merged array: ");
26        for (int number : mergedArray) {
27            System.out.print(number + " ");
28        }
29    }
```

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<terminated> MergeArray [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (May 31, 2024, 2:41:24)

Merged array: 1 2 3 4 5 6 7 8

```
1 package project;
2 //Missing Numbers in an Array
3 public class MissingNumbers {
4     public static void main(String[] args) {
5         int []a= {1,3,5,7,9};
6         for(int i=1;i<=10;i++) {
7             int count=0;
8             for(int j=0;j<a.length-1;j++) {
9                 if(i==a[j]) {
10                     count++;
11                     break;
12                 }
13             }if(count==0) {
14                 System.out.println(i);
15             }
16         }
17     }
```

Problems @ Javadoc Declaration Console ×

<terminated> MissingNumbers [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (May 31, 2024)

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4
6
8
9
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```
1 package project;
2 // to find the third Largest Elemnt in Array
3 public class TofindnthLargest {
4     public static void main(String[] args) {
5         int []a= {1,2,3,4,5,6,7,8,9};
6         int n=3;
7         for(int i=0;i<a.length;i++) {
8             int count=0;
9             for(int j=0;j<a.length;j++) {
10                 if(a[j]>a[i]) {
11                     count++;
12                 }
13             }if(count==n-1) {
14                 System.out.println(a[i]);
15             }
16         }
17     }
```

Problems @ Javadoc Declaration Console ×

<terminated> TofindnthLargest [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (May 31, 2024, 2

```

1 package project;
2 // To find Repeated Elements in an Array
3 public class RepeatedElemnts {
4     public static void main(String[] args) {
5         int []a= {10,10,20,20,30,30,40};
6         boolean []b=new boolean[a.length];
7         for(int i=0;i<a.length;i++) {
8             if(b[i]==false) {
9                 int count=0;
10                for(int j=i+1;j<a.length;j++) {
11                    if(a[i]==a[j]) {
12                        count++;
13                        b[j]=true;
14                    }
15                }
16                if(count==1) {
17                    System.out.println(a[i]);
18                }
19            }
20        }
21    }

```

Problems @ Javadoc Declaration Console ×

<terminated> RepeatedElemnts [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (May 31, 2022)

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```
1 package project;
2 // To find second large Element in an Array
3 public class SecondlargeElemnt {
4     public static void main(String[] args) {
5         int []a= {1,2,3,4,5,6};
6         int large=a[0];
7         int small=0;
8         for(int i=0;i<=a.length-1;i++) {
9             if(a[i]>large) {
10                 small=large;
11                 large=a[i];
12             }else if(a[i]>small && a[i]< large) {
13                 small=a[i];
14             }
15         }System.out.println(small);
16     }
17 }
18
19 }
```

Problems @ Javadoc Declaration Console ×

<terminated> SecondlargeElemnt [Java Application] C:\Program Files\Java\jdk-17\bin\j


```
1 package project;
2 //by sort Method
3 import java.util.Arrays;
4
5 public class ArraySort {
6     public static void main(String[] args) {
7         int []a= {5,9,8,7,2,4,6,1};
8         int n=2;
9         Arrays.sort(a);
10        System.out.println(a[a.length-n]);
11    }
12
13 }
14
```

Problems @ Javadoc Declaration Console ×

<terminated> ArraySort [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (May 31, 2024, 3:05)

```
1 package project;
2 // to check element in array is present or not
3 public class ToFindElement {
4     public static void main(String[] args) {
5         int []a= {20,30,40,50,60};
6         int ele=25;
7         boolean flag=false;
8         for(int i=0;i<=a.length-1;i++) {
9             if(a[i]==ele) {
10                 System.out.println("element found");
11                 flag=true;
12             }
13         }if(flag==false) {
14             System.out.println(" element does not exit");
15         }
16     }
17 }
18 }
19 }
```

Problems @ Javadoc Declaration Console ×

<terminated> ToFindElement [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (May 3
element does not exit


```
1 package project;
2 // To find third Smallest element in an Array
3 public class TofindSmallest {
4     public static void main(String[] args) {
5         int []a= {1,2,3,4,5,6,7,8,9};
6         int n=3;
7         for(int i=0;i<a.length;i++) {
8             int count=0;
9             for(int j=0;j<a.length;j++) {
10                 if(a[j]<a[i]) {
11                     count++;
12                 }
13             }if(count==n-1) {
14                 System.out.println(a[i]);
15             }
16         }
17     }
```

Problems @ Javadoc Declaration Console ×

<terminated> TofindSmallest [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (May 31, 2024, 3:00:4

3

```
1 package project;
2 // To find a UnRepeated Element in an Array
3 public class UnRepeatedArray {
4     public static void main(String[] args) {
5         int []a= {10,10,20,20,30,30,40};
6         boolean []b=new boolean[a.length];
7         for(int i=0;i<a.length;i++) {
8             if(b[i]==false) {
9                 int count=0;
10                for(int j=i+1;j<a.length;j++) {
11                    if(a[i]==a[j]) {
12                        count++;
13                        b[j]=true;
14                    }
15                }
16                if(count==0) {
17                    System.out.println(a[i]);
18                }
19            }
20        }
21    }
22 }
```

Problems @ Javadoc Declaration Console ×

<terminated> UnRepeatedArray [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (May 31, 2024, 2:53:36 PM)

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