Assignment No:-16

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Batch: - Delta - DCA (Java) 2024 Date: -23/5/2024

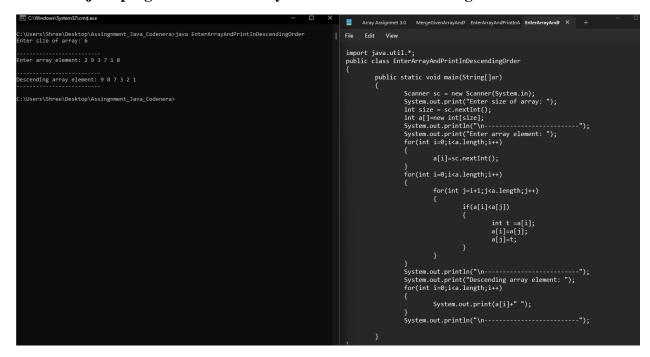
1. Write a java program to merge two Array and print the final array.

```
\Users\Shree\Desktop\Assingnment Java Codenera>javac MergeGivenArrayAndPrint.java
                                                                                  File Edit View
                                                                                  import java.util.*;
public class MergeGivenArrayAndPrint
{
 \Users\Shree\Desktop\Assingnment_Java_Codenera>java MergeGivenArrayAndPrint
ter size of array: 5
                                                                                          public static void main(String[]ar)
irst array element: 1 2 3 4 5
                                                                                                  erged array element: 1 2 3 4 5 6 7 8 9 10
                                                                                                  System.out.print("\nFirst array element: "); for(int i=0;i<a.length;i++)
                                                                                                           System.out.print(a[i]+" ");
                                                                                                  int c[]=new int[a.length+b.length];
                                                                                                   for(int i=0;i<a.length;i++)
                                                                                                           c[i]=a[i];
                                                                                                   for(int i=0;i<b.length;i++)
                                                                                                           c[x]=b[i];
                                                                                Array Assignmet 3.0
\Users\Shree\Desktop\Assingnment Java Codenera>javac MergeGivenArrayAndPrint.java
                                                                                                 System.out.println("\n------
System.out.print("\nFirst array element: ");
for(int i=0;i<a.length;i++)</pre>
irst array element: 1 2 3 4 5
                                                                                                 \Users\Shree\Desktop\Assingnment_Java_Codenera>
                                                                                                 int c[]=new int[a.length+b.length];
int x=0;
                                                                                                 for(int i=0;i<a.length;i++)
                                                                                                          c[i]=a[i];
                                                                                                 for(int i=0;i<b.length;i++)
                                                                                                         c[x]=b[i];
                                                                                                 System.out.println("\n----");
```

2. Write a java program enter an array and sort that in ascending order.

```
| Standard | Standard
```

3. Write a java program enter an array and sort that in descending order.



4. Write a java program enter an array and find the second max element.

```
C:\Users\three\Desktop\basingment_lava_codenera>java_EnterArrayAndPrintSecondMaxle
Enter size of array: 5

Enter array element: 1 0 0 8 9

Second max array element_lava_codenera>

C:\Users\three\Desktop\basingment_lava_codenera>java_EnterArrayAndPrintSecondMaxle
Enter array element: 1 0 0 8 9

Second max array element_lava_codenera>

C:\Users\three\Desktop\basingment_lava_codenera>

C:\Users\three\Desktop\basingment_lava_codenera>

Second max array element: 1 0 0 8 9

Second max array element lava_codenera>

C:\Users\three\Desktop\basingment_lava_codenera>

Second max array element lava_codenera>

Second
```

5. Write a program enter an array and find the second min element.

```
Scrivers\Shree\Desktop\Assignment_lava_Codenera>java_EnterArrayAndPrintSecondMinEle
Enter array element: 3 & 0 & 2 1

Second ain array element: 3 & 0 & 2 1

Second ain array element java_Codenera>

Second sin array element java_Codenera>

Sec
```

6. Write a program enter an array and find max and min element.

7. Write a program Input 10 elements in float and print it.

```
SC:\Users\Shree\Desktop\Assingment_lava_Codenera>java EnterFloatArrayEle.java
C:\Users\Shree\Desktop\Assingment_lava_Codenera>java EnterFloatArrayEle
Enter array element: i.1 2.2 4.5 3.3 32.1

Eloat array element java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera>java_Codenera
```

8. Write a program input 10 name and print with index

Index name.

9. Write a program to input an array and print it.

10. Write a program initialise an array and print it.

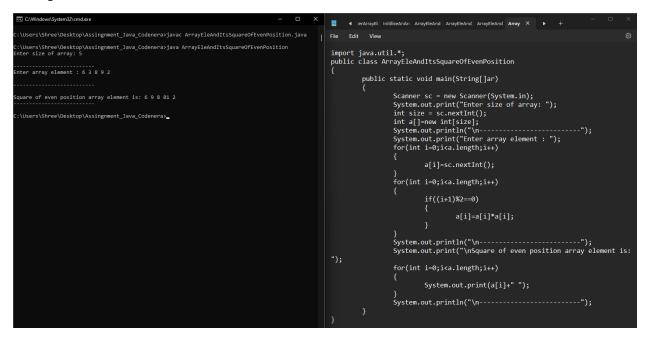
11. Write a program input 10 elements and multiply 5th elements by 25.

```
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```

12. Write a program to input an array and find its average of first 5 element.

13. Write a program enter an array and print the square of the element which is present at odd position.

14. Write a program enter an array and print the square of the element which is present at even position.



15. Write a program input two array and merge in third array.

```
\Users\Shree\Desktop\Assingnment_Java_Codenera>javac InputTwoArrayEleAndMergeInThirdEle.java
                                                                                         File Edit View
                                                                                         import java.util.*;
public class InputTwoArrayEleAndMergeInThirdEle
nter first array element : 1 2 3 4 5
                                                                                                   public static void main(String[]ar)
                                                                                                           rge of two array element is: 1 2 3 4 5 6 7 8 9 10
\Users\Shree\Desktop\Assingnment_Java_Codenera>_
                                                                                                                     a[i]=sc.nextInt();
                                                                                                           System.out.println("\n-----");
System.out.print("Enter second array element : ");
for(int i=0;i<b.length;i++)</pre>
                                                                                                                    b[i]=sc.nextInt();
                                                                                                            int x=0;
for(int i=0;i<a.length;i++)</pre>
                                                                                                                    c[i]=a[i];
x++;
                                                                                                            for(int i=0;i<b.length;i++)
                                                                                                                    c[x]=b[i];
:\Users\Shree\Desktop\Assingnment_Java_Codenera>java InputTwoArrayEleAndMergeInThirdEle
hter size of array: 5
```

16. Write a program a[]={10,20,30,40,50},b[]={1,2,3,4,5} output array=c[]={10,5,20,4,30,3,40,2,50,1}.

```
■ ayEleAnd ArrayEleAnd ArrayEleAnd ArrayEleAnd InputTwoArr Input X
                                                                                                     \Users\Shree\Desktop\Assingnment_Java_Codenera>javac InputTwoArrayEleAndMergeInBetwwenThirdEle.
:\Users\Shree\Desktop\Assingnment_Java_Codenera>java InputTwoArrayEleAndMergeInBetwwenThirdEle
iter size of array: 5
                                                                                                     import java.util.*;
public class InputTwoArrayEleAndMergeInBetwwenThirdEle
ter first array element : 10 20 30 40 50
                                                                                                               public static void main(String[]ar)
                                                                                                                        ter second array element : 1 2 3 4 5
:\Users\Shree\Desktop\Assingnment_Java_Codenera>
                                                                                                                                   a[i]=sc.nextInt();
                                                                                                                         ,
System.out.println("\n-----");
System.out.print("Enter second array element : ");
for(int i=b.length-1;i>=0;i--)
                                                                                                                                   b[i]=sc.nextInt();
                                                                                                                         }
int x=0,y=0;
for(int i=0;i<c.length;i++)
                                                                                                                                              c[i]=a[x];
                                                                                                                                             x++;
                                                                                                           ■ ayEleAnd ArrayEleAnd ArrayEleAnd InputTwoArr Input X
\Users\Shree\Desktop\Assingnment Java Codenera>javac InputTwoArrayEleAndMergeInBetwwenThirdEle.
                                                                                                     File Edit View
                                                                                                                          System.out.print("Enter first array element : ");
for(int i=0;i<a.length;i++)</pre>
nter first array element : 10 20 30 40 50
                                                                                                                                    a[i]=sc.nextInt();
                                                                                                                           System.out.println("\n-----
                                                                                                                           System.out.print("Enter second array element : ");
for(int i=b.length-1;i>=0;i--)
                                                                                                                                    b[i]=sc.nextInt();
:\Users\Shree\Desktop\Assingnment_Java_Codenera>
                                                                                                                          int x=0,y=0;
for(int i=0;i<c.length;i++)</pre>
                                                                                                                                     if(i%2==0)
                                                                                                                                               c[i]=a[x];
                                                                                                                                               X++;
                                                                                                                                     else
                                                                                                                                              c[i]=b[y];
y++;
                                                                                                                          System.out.println("\n-----");
System.out.print("\nMerge of two array element is: ");
for(int i=0;i<c.length;i++)</pre>
                                                                                                                                    System.out.print(c[i]+" ");
                                                                                                                           System.out.println("\n-----");
```

17. Write a program sort half array in ascending and half in descending order

input= int [] a={9,1,3,5,6,11,22,66,10,19}.

output={1,3,5,6,9,10,66,22,19,11,10}

