1) Factorial No

```
Java - JavaStringPrograms/src/com/Factorial.java - Eclipse
                                                                                                                               _ 0 X
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☑ Factorial.java 
☒
                                                                               - -
                                                                                                     □ Console ⊠
                                                                                     <terminated> Factorial [Java Application] C:\Program Files\Uava\rightyrel8.0_231\bin\javaw.exe (01-DecFactoral of 5 is :120
  1 //Java Program for factorial of number
   2 package com;
  4 public class Factorial {
        public static void main(String[] args) {
  int i, fact=1;
  int number=5;
             for(i=1; i<=number;i++)</pre>
                fact = fact* i;
 10
 11
             System.out.println("Factoral of "+number+" is :"+fact);
 13
 15 }
16
```

2) Fibonacci Series

```
➡ Java - JavaStringPrograms/src/com/FibonacciSeries,java - Eclipse
File Edit Source Refactor Navigate Search Project Run Window Help
                                                                                                                                                                             ₽ PibonacciSeries,java ⊠
                                                                                                                                           <terminated> FibonacciSeries [Java Application] C:\Program Files\Java\rel.8.0_231\bin\javaw.exe
0 1 1 2 3 5 8 13 21 34
      1⊕/*Java Program For Fibonacci Series
       2 a series of numbers in which each number (Fibonacci number)
3 is the sum of the two preceding numbers. The simplest is the series 1,
4 */
        5 package com;
       7 public class FibonacciSeries {
8     public static void main(String[] args) {
9         int n1=0, n2=1, n3, i, count=10;
10         System.out.print(n1 + " " +n2); //print 0 & 1
11         for(i=2; i<count; i++)</pre>
      10
                            n3 = n1+n2;
                            System.out.print(" "+n3);
                            n1=n2;
                            n2=n3;
      17
      18
                }
      20 }
                                                                                                             Writable
                                                                                                                           Smart Insert 14:32
```

3) Swap Numbers

```
Java - JavaStringPrograms/src/com/SwapNumber.java - Eclipse
                                                                                                                                                  <u>File Edit Source Refactor Navigate Search Project Run Window Help</u>
FibonacciSeries.java 📝 SwapNumber.java 🛭
                                                                                             □ □ Console ⊠
                                                                                                                      <terminated> SwapNumber [Java Application] C:\Program Files\Java\jre1.8.0_231\bin\javaw.exe (
Before Swap:
      1 //Java Program to swap numbers
 8
       2 package com;
                                                                                                   X value :10
       4 public class SwapNumber {
                                                                                                   Y value :20
                                                                                                   After Swap :
             public static void main(String[] args) {
   int x=10;
                                                                                                   X value :20
Y value :10
                   int y=20;
                   System.out.println("Before Swap:");
System.out.println("X value:"+x);
System.out.println("Y value:"+y);
      10
      11
                    x= x+y;
                    y=x-y;
x=x-y;
     13
      15
                   System.out.println("After Swap :");
System.out.println("X value :"+x);
System.out.println("Y value :"+y);
     16
     18
     20
             }
     21
     22 }
                                                                                                      Smart Insert 1:1
                                                                                            Writable
```

4) Reverse No

```
        □ Java - JavaStringPrograms/src/com/ReverseNumber.java - Eclipse

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                                                                                                                                                                       Quick Access
 ₽ ReverseNumber.java ⊠
                                                                                                                                       \label{thm:continuous} $$\operatorname{ReverseNumber} [\operatorname{AvaApplication}] C.\operatorname{Program Files} \operatorname{AvaAyire1.8.0_231\mathbb{N} in}] $$\operatorname{Reverse} $$ of number is :4321 $$$
      1 //Java Program for Reverse Number
 18
       2 package com;
        4 public class ReverseNumber {
               public static void main(String[] args) {
  int number = 1234;
  int reverse = 0;
}
                      int temp =0;
                      while(number>0)
       10
      11
                           temp = number%10;
                          reverse= reverse*10+temp;
number = number/10;
      13
       15
       16
                      System.out.println("Reverse of number is :"+reverse);
      17
      18
       19 }
      20
                                                                                                         Writable
                                                                                                                       Smart Insert 1:1
```

5) Reverse String

```
Java - JavaStringPrograms/src/com/ReverseString.java - Eclipse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       <u>File Edit Source Refactor Navigate Search Project Run Window Help</u>
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                                                                                                                                                                                                                                                                                                                                                            □ □ Console ⊠

☑ ReverseString.java 

☒
                                                                                                                                                                                                                                                                                                                                                                                    <terminated> ReverseString [Java Application] C:\Program Files\Java\jrel.8.0_231\bin\javaw.exe (C Reverse string of College:
                      1 //Reverse string without using String Library Function
   10
                          2 package com;
                                                                                                                                                                                                                                                                                                                                                                                    egelloC
                          4 public class ReverseString {
                                                  public static void main(String[] args) {
   String str = "College";
   String arr[] = str.split("");
   System.out.println("Reverse string of "+str+":");
   for(int i=arr.length-1; i>=0; i--)
                      10
                      11
                                                                                        char temp[] = arr[i].toCharArray();
                                                                       for(int j=temp.length-1;j>=0;j--)
                      15
                                                                                        System.out.print(temp[j]);
                      16
                      18
                     20
                                                   }
                     21
                     22 }
                                                                                                                                                                                                                                                                                                                                                          Writable
                                                                                                                                                                                                                                                                                                                                                                                               Smart Insert 1:1
```

6) Count Vowels in String

```
    ☑ Java - JavaStringPrograms/src/com/CountVowels.java - Eclipse

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                                                                                                                                                    - 0 X
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 € CountVowels.java ⊠
                                                                                                     □ □ Console ⋈ ■ 🗶 🔌 🔒 🔐 👺 👺 💌 💌 □ ▼ 🗂 ▼ □
      1 //Java program to count the number of vowels in a given sentence
                                                                                                            <terminated> CountVowels [Java Application] C:\Program Files\Java\jre1.8.0_231\bin\
 10
                                                                                                            Enter a sentence :
                                                                                                            Number of vowels in the given sentence is 4
       4 import java.util.Scanner;
       6 public class CountVowels {
              public static void main(String[] args) {
   int count = 0;
                     System.out.println("Enter a sentence :");
                  @SuppressWarnings("resource")
Scanner sc = new Scanner(System.in);
                     String sentence = sc.nextLine();
                      for (int i=0 ; i<sentence.length(); i++){</pre>
               char ch = sentence.charAt(i);
if(ch == 'a'|| ch == 'e'|| ch == 'i' ||ch == 'o' ||ch == 'u'||ch == ' '){
                            count ++;
                        }
     18
               System.out.println("Number of vowels in the given sentence is "+count);
     20
     22 23 }
                                                                                                        Smart Insert 20:5
```

7) Remove Duplicates character in String

```
Java - JavaStringPrograms/src/com/RemoveDuplicate.java - Eclipse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                <u>File Edit Source Refactor Navigate Search Project Run Window Help</u>
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                                                                                                                                                                                                                                                                                                                                                 - □ Q Console XX ■ X Xx | Bx B1 B2 F9 F9 | - □ - □ - □
              ☑ RemoveDuplicate.java ⋈
                                                                                                                                                                                                                                                                                                                                                                        <terminated> RemoveDuplicate [Java Application] C:\Program Files\Java\jre1.8.0_231
                   1 //Java Program to Remove Duplicate from a given string
   ä
                       2 package com;
                                                                                                                                                                                                                                                                                                                                                                        abcde
                       4 public class RemoveDuplicate {
                                            public static String unique(String s) {
   String str = new String();
   int len = s.length();

                                                               for(int i=0;i<len;i++)</pre>
                   10
                                                                               char c = s.charAt(i);
                   11
                                                                               if(str.index0f(c)<0)</pre>
                                                                                             str+=c;
                                                                             }
                   15
                  16
                                                              return str;
                   17
                                              public static void main(String[] args) {
                  189
                                                              String s = "abbcdde";
                   20
                   21
                                                               System.out.println(unique(s));
                   22
                  23
                                             }
                  25
                                                                                                                                                                                                                                                                                                                    Writable
                                                                                                                                                                                                                                                                                                                                                                Smart Insert 1:1
```

8) Java Program to find smallest and Largest Elements in Array

```
_ 0 X
Java - JavaStringPrograms/src/com/Array_largest_Smallest.java - Eclipse
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 □ □ Console ⋈ ■ 🗶 🔌 🔒 🔐 👺 👺 💌 💌 □ ▼ 🗂 ▼ □
                                                                                                           <terminated> Array_largest_Smallest [Java Application] C:\Program Files\Java\jre1.8.0
Smallest Number is: 12
     1 // Java Program to find smallest and Largest Element in Array
                                                                                                           Largest Number is : 343
      4 public class Array_largest_Smallest {
             public static void main(String[] args) {
                  //array of 10 numbers
int arr[] = new int[]{12,56,76,89,100,343,21,234};
                    //assign first element of an array to largest and smallest
     10
                    int smallest = arr[0];
int largest = arr[0];
     11
     12
     13
                    for(int i=1; i< arr.length; i++)</pre>
     16
                    if(arr[i] > largest)
                    largest = arr[i];
else if (arr[i] < smallest)
smallest = arr[i];</pre>
     17
     18
     20
     21
                   System.out.println("Smallest Number is : " + smallest);
System.out.println("Largest Number is : " + largest);
     22
23
     24
     26 }
                                                                                                       Smart Insert 1:1
```

9) Java Program to Extract word from string

```
Java - JavaStringPrograms/src/com/String_ExtractWord.java - Eclipse
                                                                                                                                                     <u>File Edit Source Refactor Navigate Search Project Run Window Help</u>
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☑ String_ExtractWord.java 

⋈

                                                                                                            <terminated> String_ExtractWord [Java Application] C:\Program Files\Java\jre1.8.0_23
      1 // java program to extract word from string
 10
                                                                                                            sky
       2 package com;
                                                                                                            blue
       4 public class String_ExtractWord {
              // Method splits String into
// all possible tokens
              public static void printWords(String s)
                   // Using split function.
                   for (String val: s.split(" "))
      10
      11
                        // printing the final value.
System.out.println(val);
      15
     16
              // Driver Code
      179
              public static void main(String args[])
     18
                   // Sample string to check the code
String Str = "sky is blue";
      20
      21
                  // function calling
printWords(Str);
      22
     23
     25 }
     26
                                                                                            Writable
                                                                                                          Smart Insert 1:1
```

10) Java Program to count the total number of character in a string

```
Java - JavaStringPrograms/src/com/CountCharacter.java - Eclipse
                                                                                                                                                                  _ 0 X
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 ☐ CountCharacter.java 🏻
                                                                                                              □ □ Console 🌣 ■ 🗶 🦹 🖺 🗗 🔛 🗹 🗎 🕶 🗂
                                                                                                                      <terminated> CountCharacter[Java Application] C:\Program Files\Java\jre1.8.0_231\t
Total number of characters in a string: 19 ^
      1 //Java Program to count the total number of characters in a string
18
       4 public class CountCharacter {
               public static void main(String[] args) {
    String string = "The best of both worlds";
                     int count = 0;
                     //Counts each character except space
                     for(int i = 0; i < string.length(); i++) {
    if(string.charAt(i) != ' ')</pre>
      10
      11
                               count++;
      13
                    //Displays the total number of characters present in the given string
System.out.println("Total number of characters in a string: " + count);
      15
      16
      17
      18
      19 }
      20
                                                                                                      Writable
                                                                                                                   Smart Insert 1:1
```

11) Java Program to count white space of the given string

```
Java - JavaStringPrograms/src/com/CountWhiteSpace.java - Eclipse
                                                                                                                                           _ 0 X
<u>File Edit Source Refactor Navigate Search Project Run Window Help</u>

    ☐ CountCharacter.java
    ☐ CountWhiteSpace.java 
    ☐

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                                                                                                    <terminated> CountWhiteSpace [Java Application] C:\Program Files\Java\jre1.8.0_231
Enter the String
     1 ///program to count white space of the given string
      import java.util.Scanner;
public class CountWhiteSpace {
                                                                                                     Total white space: 2
            public static void main(String[] args) {
                 //variable declaration
                 String str;
             int space=0;
             //variable declaration and initialization
     10
     11
             Scanner scan=new Scanner(System.in);
                 //create a scanner object for input
System.out.println("Enter the String ");
     15
16
             str=scan.nextLine();
             int i=0;
             while(i<str.length()){</pre>
     17
18
             char ch=str.charAt(i);
if(ch==' '){
                     space++;
     22
23
             System.out.println("Total white space : "+space);
```

12) Sort the Array in Ascending Order

```
Java - JavaStringPrograms/src/com/Array_Sort_Ascending_loop.java - Eclipse
                                                                                                                                                                                _ 0 X
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Quick Access 👺 🐉 Java 🐒 Java Browsing 🔅 Debug 🦞 🔻 👸 🔻 😂 🕶 🔾
 ₽ Array_Sort_Ascending_loop.java ⊠
                                                                                                                        □ □ Console ⋈ ■ 🗶 🔌 🔒 🔐 👺 👺 💌 💌 □ ▼ 🗂 ▼ □
       1 //Ascending Order
                                                                                                                                <terminated> Array_Sort_Ascending_loop [Java Application] C:\Program Files\Java\jre
    2 package com;
                                                                                                                                Elements of original array:
                                                                                                                                5 2 8 7 1
                                                                                                                                Elements of array sorted in ascending order
        4 public class Array_Sort_Ascending_loop {
50 public static void main(String[] args) {
                                                                                                                                1 2 5 7 8
                       //Initialize array
                      int [] arr = new int [] {5, 2, 8, 7, 1};
int temp = 0;
       10
                       //Displaying elements of original array
       11
                      for (int i = 0; i < arr.length; i++) {
    System.out.print(arr[i] + " ");</pre>
       13
       16
                      //Sort the array in ascending order
for (int i = 0; i < arr.length; i++) {
    for (int j = i+1; j < arr.length; j++) {
        if(arr[i] > arr[j]) {
            temp = arr[i];
            arr[i] = arr[j];
            arr[j] = temp;
       17
      18
       20
       21
       22
      23
      25
                           }
       26
                                                                                                                             Smart Insert 1:18
```

```
Java - JavaStringPrograms/src/com/Array_Sort_Ascending_loop.java - Eclipse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    <u>File Edit Source Refactor Navigate Search Project Run Window Help</u>
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                 ☑ Array_Sort_Ascending_loop.java ⋈
                                                                                                                                                                                                                                                                                                                                                                                                                                                 <terminated> Array_Sort_Ascending_loop [Java Application] C:\Program Files\Java\jrt
Elements of original array:
                                                                    for (int i = 0; i < arr.length; i++) {
    System.out.print(arr[i] + " ");</pre>
   13
                      15
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Elements of array sorted in ascending order
                      16
                                                                          //Sort the array in ascending order
for (int i = 0; i < arr.length; i++) {
    for (int j = i+1; j < arr.length; j++) {
        if(arr[i] > arr[j]) {
            temp = arr[i];
            arr[i] = arr[j];
            arr[j] = temp;
    }
                      18
                       19
                      20
                      21
                       22
                      23
                                                                                                          }
                       25
                                                                                            }
                       26
                                                                          }
                       27
                      28
                                                                           System.out.println();
                                                                           //Displaying elements of array after sorting
System.out.println("Elements of array sorted in ascending order: ");
for (int i = 0; i < arr.length; i++) {
    System.out.print(arr[i] + " ");</pre>
                       30
                       31
                       32
                       33
                       35
                                                       }
                       36
                       37 }
                       38
                                                                                                                                                                                                                                                                                                                                                                                    Writable
                                                                                                                                                                                                                                                                                                                                                                                                                                        Smart Insert 1:18
```

Sort the Array in Decending Order

```
Java - JavaStringPrograms/src/com/Array_Sor_Decending.java - Eclipse
                                                                                                                                                       _ 0 X
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Quick Access 😢 📳 Java 🐒 Java Browsing 🎋 Debug 🦞 🔻 👸 🔻 😂 🕶 🔾
 ₽ Array_Sor_Decending.java ⊠
                                                                                                       □ □ Console ⋈ ■ 🗶 🔌 🔒 🔐 👺 👺 💌 💌 □ ▼ 🗂 ▼ □
     1 //Java Program to sort array element in decending order
                                                                                                               <terminated> Array_Sor_Decending [Java Application] C:\Program Files\Java\jre1.8.0_
10
                                                                                                               Elements of original array:
      2 package com;
                                                                                                              5 2 8 7 1
Elements of array sorted in descending orde
       4 public class Array_Sor_Decending {
50 public static void main(String[] args) {
                                                                                                               8 7 5 2 1
               //Initialize array
              int [] arr = new int [] {5, 2, 8, 7, 1};
int temp = 0;
      10
      11
              12
13
     15
                   System.out.print(arr[i] + '
      16
     17
              //Sort the array in descending order

for (int i = 0; i < arr.length; i++) {
    for (int j = i+1; j < arr.length; j++) {
        if(arr[i] < arr[j]) {
     18
      19
     20
      21
                           temp = arr[i];
arr[i] = arr[j];
arr[j] = temp;
     22
     23
      24
     25
                      }
      26
                                                                                               Writable
                                                                                                            Smart Insert 1:1
```

```
Java - JavaStringPrograms/src/com/Array_Sor_Decending.java - Eclipse
                                                                                                                                                                                                   <u>File Edit Source Refactor Navigate Search Project Run Window Help</u>
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     <terminated> Array_Sor_Decending [Java Application] C:\Program Files\Java\jre1.8.0_
Elements of original array:
                 System.out.println("Elements of original array: ");
for (int i = 0; i < arr.length; i++) {
    System.out.print(arr[i] + " ");</pre>
                                                                                                                                       •
 8
     13
                                                                                                                                             5 2 8 7 1
       15
                                                                                                                                             Elements of array sorted in descending orde
       16
                                                                                                                                             8 7 5 2 1
                  //Sort the array in descending order
for (int i = 0; i < arr.length; i++) {
    for (int j = i+1; j < arr.length; j++) {
        if(arr[i] < arr[j]) {
            temp = arr[i];
            arr[i] = arr[j];
            arr[j] = temp;
    }
       18
        19
       20
       21
        22
       23
       25
                            }
       26
                       }
       27
                  }
       28
        29
                   System.out.println();
        30
                  //Displaying elements of array after sorting
System.out.println("Elements of array sorted in descending order: ");
for (int i = 0; i < arr.length; i++) {
    System.out.print(arr[i] + " ");</pre>
        31
        32
        33
        35
        36
        37 }
        38
                                                                                                                          Writable
                                                                                                                                           Smart Insert 1:1
```

```
Java - JavaStringPrograms/src/com/Array_Sorting.java - Eclipse
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 🗗 Array_Sor_Decending.java 🔃 Array_Sorting.java 🛭
                                                                                                         - - □ Q Console X ■ X 🔆 | 🕞 🚮 🕪 🕒 🕬 📑 - - - - - -
                                                                                                                <terminated> Array_Sorting [Java Application] C:\Program Files\Java\jrel.8.0_231\bin\j\ Original Array : [52, 45, 32, 64, 12, 87, 78 ^
      1 //Sort Numeric Array In Ascending Order
10
       2 package com;
                                                                                                                Sorted Array: [7, 12, 23, 32, 45, 52, 64, 7
       4 import java.util.Arrays;
       6 public class Array_Sorting {
                    public static void main(String[] args)
                  //define an array
int[] intArray = {52, 45, 32, 64, 12, 87, 78, 98, 23, 7};
System.out.printf("Original Array : %s", Arrays.toString(intArray));
     10
     11
                  Arrays.sort(intArray);
System.out.printf("\n\nSorted Array : %s", Arrays.toString(intArray));
      17
              }
     18
     20
                                                                                                                4
                                                                                                 Writable
                                                                                                               Smart Insert 15:8
```

```
Java - JavaStringPrograms/src/com/ArraySortDecendingOrder.java - Eclipse
                                                                                                                                                                                                                                                                                                                                                                                                                                              <u>File Edit Source Refactor Navigate Search Project Run Window Help</u>
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         ☑ ArraySortDecendingOrder.java ⋈
                                                                                                                                                                                                                                                                                                                   <terminated> ArraySortDecendingOrder [Java Application] C\Program Files\Uava\jrel.
Original Array: [52, 45, 32, 64, 12, 87, 78,
                 1 //Decending Order
  8
           2 package com;
                                                                                                                                                                                                                                                                                                                     Sorted Array: [98, 87, 78, 64, 52, 45, 32, 2
                    4⊕ import java.util.Arrays;
                    7 public class ArraySortDecendingOrder {
                                       public static void main(String[] args)
                                                       //Collections.reverseOrder do not work for primitive Types
                                                      //define an array with Integer
Integer[] IntArray = {52, 45, 32, 64, 12, 87, 78, 98, 23, 7};
                 11
                 12
                                                      //print original array
System.out.printf("Original Array: %s",
                 14
                 16
                                                                                 Arrays.toString(IntArray));
                                                     // Sorts IntArray in descending order
Arrays.sort(IntArray, Collections.reverseOrder());
                 18
                19
                                                      //print sorted array
System.out.printf("\n\nSorted Array: %s",
                21
                 22
               23
24
                                                                             Arrays.toString(IntArray));
                                       }
                26 }
                                                                                                                                                                                                                                                                                                                   4
                                                                                                                                                                                                                                                                            Writable
                                                                                                                                                                                                                                                                                                                Smart Insert 1:18
```

13) Find Unique Elements in Array

```
Java - JavaStringPrograms/src/com/Array_UniqueElements.java - Eclipse
                                                                                                                                   _ 0 X
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₽ Array_UniqueElements.java ⊠
                                                                                          - - □ Q Console X ■ X 🔆 | 🕞 🚮 🕪 🕒 🕬 📑 - - - - - -
                                                                                               <terminated> Array_UniqueElements [Java Application] C:\Program Files\Java\jre1.8.0_
6 7 8
     1 //unique numbers in array java
18
      2 package com;
      3 public class Array_UniqueElements
      5 {
            public static void main(String[] args) {
                int [] arr = {1,1,1,2,2,2,3,3,3,4,4,5,5,6,7,8,};
                 for (int j= 0; j < arr.length; j++)</pre>
     10
                 int count1 = 0; // to find out how many time value is appeared in the
     11
     12
                 for (int i = 0; i < arr.length; i++)
     13
                      if(arr[i] == arr[j] )
     16
     17
                       count1++;
     18
                     }
                     if(count1 == 1 )
     20
     21
     22
                     System.out.print(arr[j]+" ");// 6 7 8 uniqe
     23
     24
     25
                }
            }
                                                                                   Writable
                                                                                              Smart Insert 1:1
```

14) Find Duplicate Element in Array

```
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                                                                                                                                                                                                                                                                                                                                                                    □ □ Console ※ ■ 🗶 🔌 🔒 🔡 👺 💬 🕬 💌 □ 🕶 🗂 🗆
           🚺 Array_Duplicates_Array.java 🖂
                                                                                                                                                                                                                                                                                                                                                                                                     ninated> Array_Duplicates_Array [Java Application] C:\Program Files\Java\jre1.8.0_
                     1 //Find Duplicates Elements in array
   8
              2 package com;
                                                                                                                                                                                                                                                                                                                                                                                       Duplicate elements in given array:
                        int [] arr = new int [] {1, 2, 3, 4, 2, 7, 8, 8, 3};
                                                                   System.out.println("Duplicate elements in given array: ");
                                                                  //Searches for duplicate element

for(int i = 0; i < arr.length; i++) {
	for(int j = i + 1; j < arr.length; j++) {
		if(ar[i] == arr[j])
	}
                    10
                    11
                                                                                                                     System.out.println(arr[j]);
                    15
                                                                 }
                   16
                    17
                                                 }
                   18
                    20
                                                                                                                                                                                                                                                                                                                                     Writable
                                                                                                                                                                                                                                                                                                                                                                                  Smart Insert 20:1
```

15) Java Program for Reverse Each word of String

```
Java - JavaStringPrograms/src/com/ReverseWord.java - Eclipse
                                                                                                                                                         File Edit Source Refactor Navigate Search Project Run Window Help
Quick Access 👺 🐉 Java 🐒 Java Browsing 🔅 Debug 🦞 🔻 👸 🔻 😂 🕶 🔾
 ₽ ReverseWord.java ⊠
                                                                                                        - - □ Q Console X ■ X 🔆 | 🕞 🚮 🕪 🕒 🕬 📑 - - - - - -
                                                                                                               <terminated> ReverseWord [Java Application] C\Program Files\Java\jre1.8.0_231\bin\jr
geeksforgeeks to Welcome
      1⊕//Java Program to reverse each word of String
       2 // without using inbuilt String function
                                                                                                               Programming Java love I
       3 package com;
          import java.util.regex.Pattern;
       5 public class ReverseWord {
               // Method to reverse words of a String
              static String reverseWords(String str)
      10
                   // Specifying the pattern to be searched
Pattern pattern = Pattern.compile("\\s");
      11
      13
                   // splitting String str with a pattern
                   // (i.e )splitting the string whenever their
// is whitespace and store in temp array.
      16
                   String[] temp = pattern.split(str);
String result = "";
      17
     18
                   // Iterate over the temp array and store
// the string in reverse order.
      20
      21
      22
                   for (int i = 0; i < temp.length; i++) {
    if (i == temp.length - 1)</pre>
     23
                             result = temp[i] + result;
                        else
      25
                             result = " " + temp[i] + result;
      26
                                                                                                             Smart Insert 1:40
```

```
Java - JavaStringPrograms/src/com/ReverseWord.java - Eclipse
                                                                                                                                                                        - 0 X
₽ ReverseWord.java 🖂
                   // (i.e )splitting the string whenever their
// is whitespace and store in temp array.
String[] temp = pattern.split(str);
String result = "";
15
      16
      17
      18
                     // Iterate over the temp array and store
// the string in reverse order.
for (int i = 0; i < temp.length; i++) {
   if (i == temp.length - 1)
      result = temp[i] + result;
   alse</pre>
      20
      21
      22
23
24
25
                           else
                                result = " " + temp[i] + result;
      26
      27
      28
                     return result;
      29
30
       31
                // Driver methods to test above method
      32<sup>9</sup>
33
34
35
                public static void main(String[] args)
                     String s1 = "Welcome to geeksforgeeks";
System.out.println(reverseWords(s1));
      36
37
                     String s2 = "I love Java Programming";
System.out.println(reverseWords(s2));
      38
      39
40 }
                                                                                                                       Smart Insert 1:40
                                                                                                        Writable
```