<u>Assignment – 5</u>

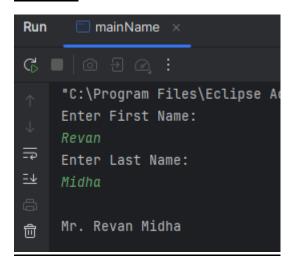
Practice Questions: 1

Q1) WAP to take first name and last name of the user and return full name with "Mr. "/ "Ms."

```
package Practice3;

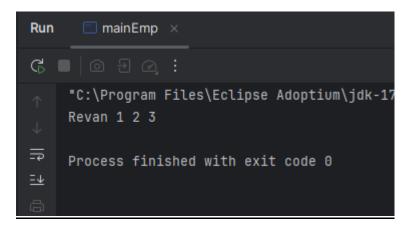
public class FullName { 2 usages ** RevanMidha005
    void Name(String fn, String ln) { 1 usage ** RevanMidha005
    System.out.println("Mr. " + fn + " " + ln);
}

7 }
```



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package Practice3;	E spent - wall the
	Shall a Name
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public static void main caraces	095) 2
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Sysoth ("Enter first name:);
fn = xn. nextline();	
System ("Enter bust name: "); In - son next liene ();	
ln - son. next line ();	
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2 Obj. Name (fin, in)	Spiral
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Q2) Create an Employee class and in the main the main method make two objects of Employee class and display them.



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Q3) Write a method to sort an array.

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© Sort.java ×
       package Practice3;
       public class Sort { 2 usages ∴ RevanMidha005
           4@
               boolean flag;
               for (int \underline{i} = 0; \underline{i} < arr.length; \underline{i}++){
                   flag = false;
                   for (int j = 0; j < arr.length - <math>\underline{i} - 1; j++){
                       if (arr[j] > arr[j+1]){
                           int temp = arr[j];
                            arr[j] = arr[j+1];
                            arr[j+1] = temp;
                            flag = true;
                   if (!flag){
                       break;
               return arr;
```

```
C Sort.java
           Scanner scn = new Scanner(System.in);
           int[] arr = new int[5];
           for (int i = 0; i < 5; i++) {
               System.out.println("Enter the number: ");
               arr[i] = scn.nextInt();
           System.out.print("Original Array: ");
           for (int i : arr) {
               System.out.print(i + " ");
           System.out.println();
           Sort obj = new Sort();
           arr = obj.sortArr(arr);
           System.out.print("Sorted Array: ");
           for (int i:arr){
               System.out.print(i + " ");
           System.out.println();
```

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parkage Practler 3;
public class sout & int Coars sout April (Int Coars) & boolean flage;
Jan (Int 1=0; ?< ann. length ; 1+1) { flag= false; for (Int 120; }< ann. length; }++) { our (G) = ann(G); our (G) = ann (G+1);
and 2 trens;
g (! plag) { Break; yeturn our;
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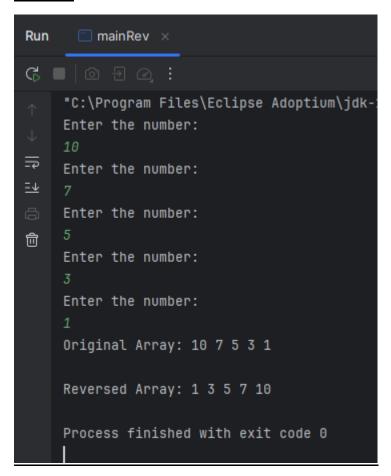
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package Practice 3;
Import gava will Scanner;
public class main Sout &
    public static void malar ( o Stray ( ) augs) }
        Scanner son = new Scanner (Systen: in);
        Ent []our = new Ent [5];
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             OHH ( ) - 100 son. next Int();
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for (int i: over) &

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        Symoln ();
        Sout obj = new soutes;
         our = 05° . Sout Any (any);
        Sysol(+"");
         Symon ();
```

Q4) Write a method to reverse an array.

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Reverse.java
                package Practice3;
      import java.util.Scanner;
      public class mainRev { * RevanMidha005
          Scanner scn = new Scanner(System.in);
              int[] arr = new int[5];
              for (int \underline{i} = 0; \underline{i} < 5; \underline{i} + +) {
                  System.out.println("Enter the number: ");
                 arr[i] = scn.nextInt();
              System.out.print("Original Array: ");
              for (int i : arr) {
                 System.out.print(i + " ");
              System.out.println();
              Reverse obj = new Reverse();
              arr = obj.RevArr(arr);
              System.out.print("Reversed Array: ");
              for (int i:arr){
                  System.out.print(i + " ");
              System.out.println();
```



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Q5) Write a method to take input in two matrix from user and display the sum of matrix CODE :

```
package Practice3;
int [][]arr1 = new int[3][3];
            arr1[i][j] = n;
      int[][] arr1 = {{1, 2, 3}, {4, 5, 6}, {7, 8, 9}};
      int[][] arr2 = {{1, 2, 3}, {4, 5, 6}, {7, 8, 9}};
      System.out.println("Array 1: ");
      for (int[] i : arr1) {
         for (int j : i) {
            System.out.print(j + " ");
         System.out.println();
      System.out.println();
      System.out.println("Array 2: ");
```

```
for (int[] i : arr2) {
    for (int j : i) {
        System.out.print(j + " ");
    }
    System.out.println();
}

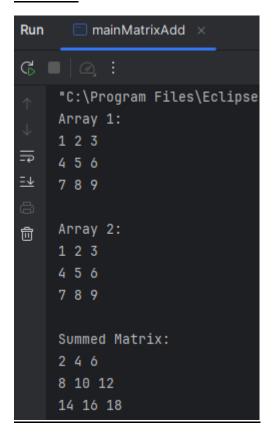
System.out.println();

int sumarr[][] = new int[3][3];
    MatrixAdd obj = new MatrixAdd();
    sumarr = obj.MatAdd(arr1, arr2);

So

System.out.println("Summed Matrix: ");
    for (int[] i : sumarr) {
        for (int j : i) {
            System.out.println(j + " ");
        }
        System.out.println();
}

System.out.println();
}
```



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public class Matulichald &
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 package brackers;
public class motintability &
       public state vold main (String () augs) }
              int COCO and = new int [3][3];
              "not CJCJavor2 = new Put C3][3];
             Sysolul "Enter elevents of and 1: ");
             βου (?nt : =0; ?<3; ?++) ξ

βου (?nt ; =0; ; <3; ; +) ξ

συν (?) [] = λεν. νευτινε);
           Sysoln ("Enter elenents of over 2: ");

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anne (P)(j) 2 run. next lute);
          Systa ("Rator Array 1: ");
        Systal);
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Q6) Write a method to take input in two matrix from user and display the product of matrix

```
MatrixMult.java
              package Practice3;
     •
3 🔈
     int [][]arr2 = new int[3][3];
                 arr1[i][j] = n;
                 n = scn.nextInt();
                 arr2[i][j] = n;
           int[][] arr1 = {{1, 2, 3}, {4, 5, 6}, {7, 8, 9}};
           int[][] arr2 = {{1, 2, 3}, {4, 5, 6}, {7, 8, 9}};
           System.out.println("Array 1: ");
           for (int[] i : arr1) {
              for (int j : i) {
                 System.out.print(j + " ");
              System.out.println();
```

```
System.out.println("Array 1: ");
for (int[] i : arr1) {
    for (int j : i) {
        System.out.print(j + " ");
   System.out.println();
System.out.println();
System.out.println("Array 2: ");
for (int[] i : arr2) {
   for (int j : i) {
        System.out.print(j + " ");
   System.out.println();
System.out.println();
int multarr[][] = new int[3][3];
MatrixMult obj = new MatrixMult();
multarr = obj.MatMult(arr1, arr2);
System.out.println("Multiplied Matrix: ");
for (int[] i : multarr) {
    for (int j : i) {
        System.out.print(j + " ");
   System.out.println();
```

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And (But 650; 653; (++) & for (int 120; PC3; (++) {
for (int 20; PC3; P+) }
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