**ASSIGNMENT 5**

1)

**package** basic\_PF;

**import** java.util.Scanner;

**public** **class** Largestof4Numbers {

**public** **static** **void** main(String[] args) {

Scanner s = **new** Scanner(System.***in***);

System.***out***.println("Enter no. of values");

**int** n =s.nextInt();

**int** arr[]= **new** **int**[n];

**int** largest=Integer.***MIN\_VALUE***;

**for**(**int** i=0;i<arr.length;i++){

**if**(arr[i]>largest){

largest=arr[i];

}

}

System.***out***.println("Largest No:"+ largest);

}

}

2)

**package** basic\_PF;

**import** java.util.Scanner;

**public** **class** Averageof10 {

**public** **static** **void** main(String[] args) {

Scanner s = **new** Scanner(System.***in***);

System.***out***.println("Enter number of values:");

**int** n = s.nextInt();

**int** arr[]= **new** **int**[n];

**int** sum=0;

**float** average;

**for**(**int** i=0;i<arr.length;i++){

arr[i]=s.nextInt();

}

**for**(**int** i=0;i<arr.length;i++){

sum=sum+arr[i];

}

average = sum/n;

System.***out***.println("Average:" + average);

}

}

**3)**

**package** basic\_PF;

**import** java.util.Scanner;

**public** **class** SumofMatrices {

**public** **static** **void** main(String[] args) {

Scanner s = **new** Scanner(System.***in***);

System.***out***.println("Enter the number of values:");

**int** n =s.nextInt();

**int** arrA[][]= **new** **int**[n][n];

**int** arrB[][]=**new** **int**[n][n];

**int** sumArray[][]=**new** **int**[n][n];

**for**(**int** i=0;i<arrA.length;i++){

**for**(**int** j=0;j<arrA.length;j++){

arrA[i][j]=s.nextInt();

}

}

**for**(**int** i=0;i<arrB.length;i++){

**for**(**int** j=0;j<arrB.length;j++){

arrB[i][j]=s.nextInt();

}

}

**for**(**int** i=0;i<sumArray.length;i++){

**for**(**int** j=0;j<sumArray.length;j++){

sumArray[i][j]=arrA[i][j]+arrB[i][j];

}

}

**for**(**int** i=0;i<arrB.length;i++){

**for**(**int** j=0;j<arrB.length;j++){

System.***out***.print(sumArray[i][j]+"\t");

}

System.***out***.println();

}

}

}