**Practical no.-**13

**Title:**Write a program for implementation of Arrays in Java

**Roll No.:** 15 **Batch-** A **Date of Performance:** 13-March-2023

**Code:-**

import java.util.Scanner;

class Arrayele {

public static void main(String args[])

{

int i, j, temp;

int A[] = new int[50];

Scanner sc = new Scanner(System.in);

System.out.println("Enter how many elements you sort?");

int no = sc.nextInt();

System.out.println("Enter array elements to Sort: ");

for (i = 0; i < no; i++)

{

A[i] = sc.nextInt();

}

for (i = 0; i < no; i++)

{

for (j = i + 1; j < no; j++)

{

if (A[i] > A[j])

{

temp = A[i];

A[i] = A[j];

A[j] = temp;

}

}

}

System.out.println("Array Elements are: ");

for (i = 0; i < no; i++)

{

System.out.print(A[i] + " ");

}

}

}

**Output-**

Microsoft Windows [Version 10.0.21996.1]

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C:\Users\Test>G:

G:\Java\jdk1.8.0\_281\bin\SYCM-1\_15>G:\Java\jdk1.8.0\_281\bin\SYCM-1\_15>set path= G:\Java\jdk1.8.0\_281\bin>

G:\Java\jdk1.8.0\_281\bin\SYCM-1\_15>javac Arrayele.java

G:\Java\jdk1.8.0\_281\bin\SYCM-1\_15>java Arrayele

Enter how many elements you sort?

5

Enter array elements to Sort:

98 45 75 20 1

Array Elements are:

1 20 45 75 98