# Practical No:07

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Date: October 21, 2021

**Objective:** WAP find smallest and largest element of the array.

# Code :

import java.util.Scanner;

class \_01\_minMax{

public static void main(String[] args) {

Scanner sc= new Scanner(System.in);

int arr[];

int min= Integer.MAX\_VALUE;

int max= Integer.MIN\_VALUE;

arr= new int[10];

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

System.out.print("Enter the arr["+ (i)+ "]: ");

arr[i]= sc.nextInt();

if (arr[i]>max)max= arr[i];

if (arr[i]<min)min= arr[i];

}

System.out.println("Maximum element is: "+ max);

System.out.println("Minimum element is: "+ min);

}

}

# Output:

PS D:\java-file\\_21oct2k21deepankar> cd "d:\java-file\\_21oct2k21deepankar\" ; if ($?) { javac \_01\_minMax.java } ; if ($?) { java \_01\_minMax }

Enter the arr[0]: 4

Enter the arr[1]: 5

Enter the arr[2]: 6

Enter the arr[3]: 23

Enter the arr[4]: 2

Enter the arr[5]: 144

Enter the arr[6]: 2

Enter the arr[7]: 456

Enter the arr[8]: 2

Enter the arr[9]: 14

Maximum element is: 456

Minimum element is: 2