**Given a list of numbers find the largest, smallest, and average of all the elements in an array.**

**import** java.util.Scanner;

**public** **class** Average {

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

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

System.***out***.println("Enter the size of array=");

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

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

System.***out***.println("Enter the array elements:");

**for**(**int** i=0;i<n;i++)

Arr[i]=s.nextInt();

**int** len=Arr.length;

**int** sum = 0;

**int** min = Arr[0];

**int** max = Arr[0];

**int** avg;

**for**(**int** i = 0; i < len; i++)

{

sum += Arr[i];

**if**(Arr[i] < min)

min = Arr[i];

**else** **if**(Arr[i] > max)

max = Arr[i];

}

avg = sum /len;

System.***out***.println("Largest elements is "+min);

System.***out***.println("Smallest elements is "+max);

System.***out***.println("Average of array is "+avg);

}

}

**Output:**

**Graphical user interface, application

Description automatically generated**