

## **Experiment No. 4**

### **Aim**

Create a class with 2 methods input() and sum()

Input(): take user input, and call the method sum() then print the sum

Sum(); calculate the sum and return the value to the input method.

### **Source code**

```
package java_file;

import java.util.Scanner;

public class _4_Sum {

    float sum[]=new float[5];

    public static void main(String[] args) {

        _4_Sum obj=new _4_Sum();

        obj.input();

    }

    void input() {

        Scanner read=new Scanner(System.in);

        System.out.println("Enter 5 Values ???");

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

            sum[i]=read.nextFloat();

        }

        System.out.println("\n\nThe SUM of 5 elements is :: "+sum());

    }

    float sum() {
```

```
        float temp=0;

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

            temp+=sum[i];

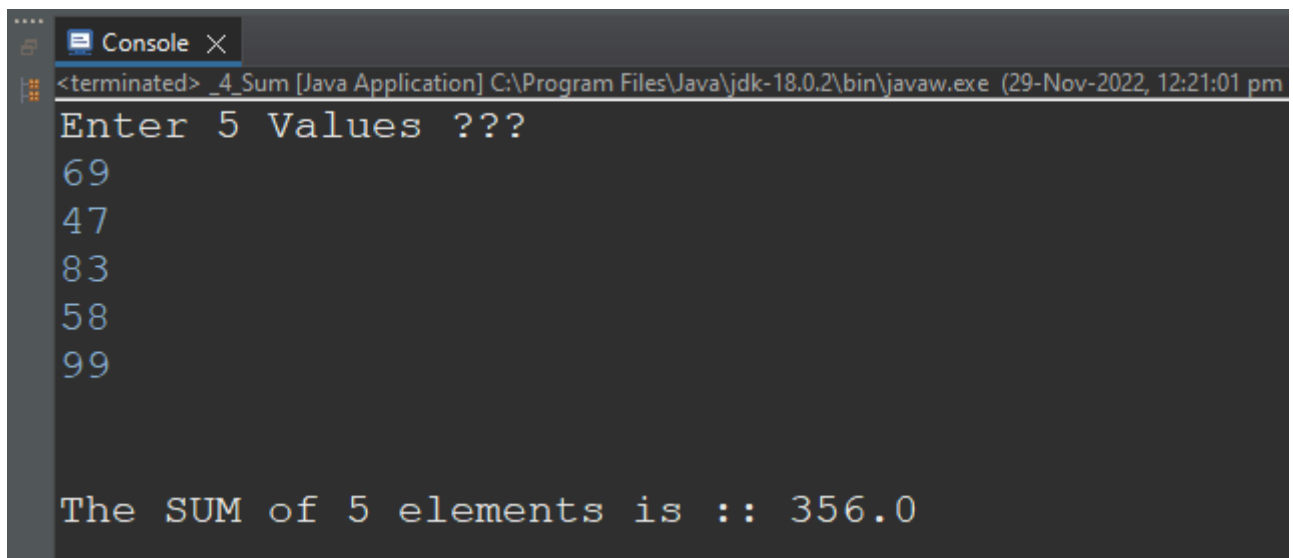
        }

        return temp;

    }

}
```

## Output



The screenshot shows a Java console window titled "Console" with a close button. The command prompt shows the application path and execution time: "<terminated> \_4\_Sum [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (29-Nov-2022, 12:21:01 pm)". The program prompts the user to "Enter 5 Values ???". The user enters the values 69, 47, 83, 58, and 99 on separate lines. The program then outputs "The SUM of 5 elements is :: 356.0".

```
<terminated> _4_Sum [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (29-Nov-2022, 12:21:01 pm)
Enter 5 Values ???
69
47
83
58
99

The SUM of 5 elements is :: 356.0
```