

Krishna Samirbhai Rao

Lab9.java

```
/*
```

```
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change  
this license
```

```
*/
```

```
package com.mycompany.lab9;
```

```
import java.util.Scanner;
```

```
/**
```

```
 *
```

```
 * @author krish
```

```
*/
```

```
class ArrEg {
```

```
    public static int totalOfElements(int[] array, int size) {
```

```
        int total = 0;
```

```
        for (int i = 0; i < size; i++) {
```

```
            total += array[i];
```

```
        }
```

```
        return total;
```

```
    }
```

```
    public static int[] insertElement(int[] array, int size) {
```

```
        Scanner sc = new Scanner(System.in);
```

```
    for (int i = 0; i < size; i++) {  
        System.out.print("Enter element " + (i + 1) + ": ");  
        array[i] = sc.nextInt();  
    }  
    return array;  
}
```

```
public static void printArray(int[] array, int size) {  
    System.out.print("Array elements: ");  
    for (int i = 0; i < size; i++) {  
        System.out.print(array[i] + " ");  
    }  
    System.out.println();  
}  
}
```

```
public class Lab9 {  
  
    public static void main(String[] args) {  
        Scanner scanner = new Scanner(System.in);  
  
        System.out.print("Enter the size of the array: ");  
        int size = scanner.nextInt();  
  
        int[] myArr = new int[size];
```

```
myArr = ArrEg.insertElement(myArr, size);

ArrEg.printArray(myArr, size);

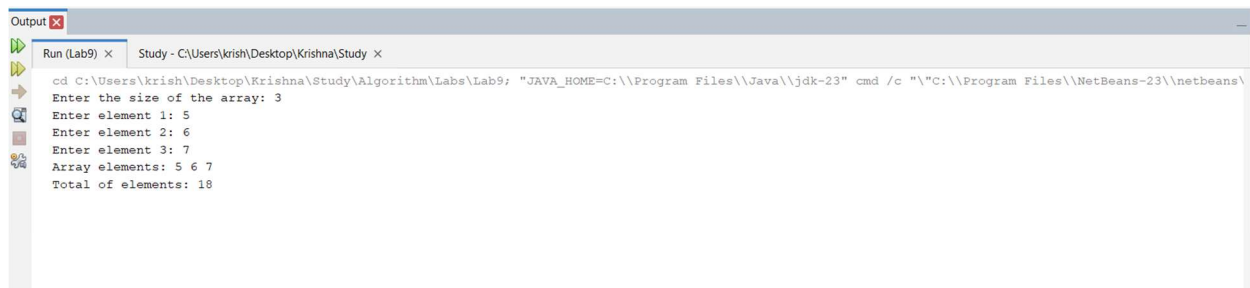
int total = ArrEg.totalOfElements(myArr, size);

System.out.println("Total of elements: " + total);

}

}
```

Output



```
cd C:\Users\krish\Desktop\Krishna\Study\Algorithm\Labs\Lab9; "JAVA_HOME=C:\\Program Files\\Java\\jdk-23" cmd /c "%C:\\Program Files\\NetBeans-23\\netbeans\\
Enter the size of the array: 3
Enter element 1: 5
Enter element 2: 6
Enter element 3: 7
Array elements: 5 6 7
Total of elements: 18
```