## Experiment No: 31

## **Experiment Name:** Take n Numbers as input and Display it

## **Objective:**

* Briefly explain the purpose of the program.
* Describe the significance of taking n numbers as input and displaying them.
* State the objectives of the lab report.

# **Code:**

#include <stdio.h>

int main() {

int n;

printf("Enter the number of elements (n): ");

scanf("%d", &n);

int numbers[n];

printf("Enter %d numbers:\n", n);

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

scanf("%d", &numbers[i]);

}

printf("Entered numbers:\n");

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

printf("%d ", numbers[i]);

}

return 0;

}

# **Input:**

Enter the number of elements (n): 2

Enter 2 numbers:

1

2

**Output:**

Entered numbers:

1 2

## **Discussion:**

* Summarize the key findings of the lab.
* Discuss the practical applications or implications of taking n numbers as input and displaying them.
* State any insights gained from implementing the program.