**14.** **Write a program to print minimum and maximum value sequency for all the numbers in a list.**

**Aim**

To write a C program that finds and prints the minimum and maximum values from a list of numbers and displays them in sequence.

**Algorithm**

1. **Start**.
2. Declare an array with predefined integer values.
3. Initialize min and max variables with the first element of the array.
4. Loop through the array:
   * If the current element is greater than max, update max.
   * If the current element is less than min, update min.
5. Print the values of min and max.
6. **End**.

**C Program**

#include <stdio.h>

int main()

{

// Predefined list of numbers

int arr[] = {25, 11, 7, 75, 56};

int n = 5; // Number of elements

int i, min, max;

// Initialize min and max

min = max = arr[0];

// Loop to find min and max

for (i = 1; i < n; i++)

{

if (arr[i] > max)

{

max = arr[i];

}

if (arr[i] < min)

{

min = arr[i];

}

}

// Output

printf("List of numbers: ");

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

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

}

printf("\nMinimum value: %d", min);

printf("\nMaximum value: %d", max);

return 0;

}

**Input (in code)**

c

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int arr[] = {25, 11, 7, 75, 56};

**Expected Output**

yaml

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List of numbers: 25 11 7 75 56

Minimum value: 7

Maximum value: 75

