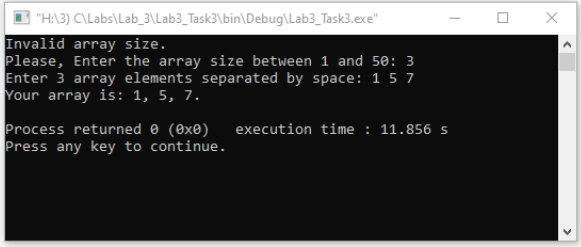


Lab 3 – Question 2

```
4  #define SIZE 50
5  int main()
6  {
7      int arr[SIZE] = {0};
8      int actual_size;
9
10     printf("Please, Enter the array size between 1 and %d: ", SIZE);
11     scanf("%d", &actual_size);
12
13     while(actual_size < 0 || actual_size > SIZE){
14         printf("Invalid array size. \n");
15         printf("Please, Enter the array size between 1 and %d: ", SIZE);
16         scanf("%d", &actual_size);
17     }
18
19     // Take the array elements from the user
20     printf("Enter %d array elements separated by space: ", actual_size);
21     for (int i = 0; i < actual_size; i++){
22         scanf("%d", &arr[i]);
23     }
24     // Print the array elements
25     printf("Your array is: ");
26     for (int i = 0; i < actual_size - 1; i++){
27         printf("%d, ", arr[i]);
28     }
29     printf("%d.", arr[actual_size - 1]); // to solve the last ",," in the array ==> 1, 2, XXX
30     printf("\n");
31     return 0;
32 }
33
```



Lab 3 – Question 3

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  #define SIZE 10
4
5  int main() {
6      int arr[SIZE] = {-1, 2, 4, 7, 100, 4, 0, -3, -9, 10};
7      int max = arr[0];
8      int min = arr[0];
9
10     for (int i = 1; i < SIZE; i++) {
11         if (arr[i] > max) {
12             max = arr[i];
13         } else if (arr[i] < min) {
14             min = arr[i];
15         }
16     }
17
18     printf("In this Array: ");
19     for(int i = 0 ;i< SIZE ;i++){
20         printf("%d, ", arr[i]);
21     }
22     printf("\n");
23     printf("Max Number is: %d\n", max);
24     printf("Min Number is: %d", min);
25
26     return 0;
27 }
28
```

