

The screenshot shows a C code editor interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Title Bar:** Programming with C.
- Left Sidebar:** Includes icons for file operations like Open, Save, Find, Copy, Paste, Undo, Redo, and others.
- Code Editor:** The file `dsa1.c` is open. The code defines a function `main()` that reads a number of elements from the user, reads each element into an array, and then finds and prints the largest and smallest elements in the array.
- Terminal:** Shows the command line output of running the program `gcc dsa1.c` and then `./a.exe`. The user enters 4 as the number of elements, followed by four integers: 57, 39, 79, and 21. The program then outputs the largest element (79) and the smallest element (21).
- Bottom Status Bar:** Includes icons for Launchpad, a progress bar, and status indicators for line count (Ln 31), column count (Col 2), spaces (4), encoding (UTF-8), line endings (CRLF), and file status (Signed out, Win32, Prettier).

```
File Edit Selection View Go Run Terminal Help ← → 🔍 Programming with C 🛡️ ⌂ ⌂ ⌂ ⌂ - ⌂ X
DSA1.c X
DSA1.c > main()
1 #include <stdio.h>
2
3 int main() {
4     int n, i;
5     int arr[100];
6
7     printf("Enter number of elements:\n");
8     scanf("%d", &n);
9
10    printf("Enter %d elements: ", n);
11    for(i = 0; i < n; i++) {
12        scanf("%d", &arr[i]);
13    }
14
15    int largest = arr[0];
16    int smallest = arr[0];
17
18    for(i = 1; i < n; i++) {
19        if(arr[i] > largest) {
20            largest = arr[i];
21        }
22        if(arr[i] < smallest) {
23            smallest = arr[i];
24        }
25    }
26
27    printf("Largest element = %d\n", largest);
28    printf("Smallest element = %d\n", smallest);
29
30    return 0;
31 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Programming with C> gcc dsa1.c
PS C:\Programming with C> ./a.exe
Enter number of elements:
4
Enter 4 elements:
57 39 79 21
Largest element = 79
Smallest element = 21
PS C:\Programming with C>

🔍 Ln 31, Col 2 Spaces: 4 UTF-8 CRLF {} c 🗑 Signed out Win32 🎯 Prettier