1. Stack operations

```
C:\Users\aruna\Desktop\1BM24CS056>gcc Stack_ops.c -o Stack_ops.exe

C:\Users\aruna\Desktop\1BM24CS056>Stack_ops.exe

--- Stack Operations ---
1. Push
2. Pop
3. Display
4. Exit
Enter your choice: 1
Enter the value to push: 1
1 pushed into stack.

--- Stack Operations ---
1. Push
2. Pop
3. Display
4. Exit
Enter your choice: 1
Enter the value to push: 2
2 pushed into stack.

--- Stack Operations ---
1. Push
2. Pop
3. Display
4. Exit
Enter your choice: 1
Enter the value to push: 3
3 pushed into stack.

--- Stack Operations ---
1. Push
2. Pop
3. Display
4. Exit
Enter your choice: 1
Enter the value to push: 4
4 pushed into stack.
```

```
--- Stack Operations ---
1. Push
2. Pop
3. Display
4. Exit
Enter your choice: 1
Enter the value to push: 5
5 pushed into stack.

--- Stack Operations ---
1. Push
2. Pop
3. Display
4. Exit
Enter your choice: 1
Stack Overflow! Cannot push element.

--- Stack Operations ---
1. Push
2. Pop
3. Display
4. Exit
Enter your choice: 3
Stack elements are:
5        4        3        2        1
--- Stack Operations ---
1. Push
2. Pop
3. Display
4. Exit
Enter your choice: 2
5 popped from stack.
```

```
--- Stack Operations ---
1. Push
2. Pop
3. Display
4. Exit
Enter your choice: 2
4 popped from stack.

--- Stack Operations ---
1. Push
2. Pop
3. Display
4. Exit
Enter your choice: 2
3 popped from stack.

--- Stack Operations ---
1. Push
2. Pop
3. Display
4. Exit
Enter your choice: 2
2 popped from stack.

--- Stack Operations ---
1. Push
2. Pop
3. Display
4. Exit
Enter your choice: 3
Stack elements are:
1
--- Stack Operations ---
1. Push
2. Pop
3. Display
4. Exit
Enter your choice: 2
1 popped from stack.
```

```
--- Stack Operations ---
1. Push
2. Pop
3. Display
4. Exit
Enter your choice: 2
Stack Underflow! Cannot pop element.

--- Stack Operations ---
1. Push
2. Pop
3. Display
4. Exit
Enter your choice: 4
Exiting program.

C:\Users\aruna\Desktop\1BM24CS056>
```