Program 1 – Stacks

Output:

```
C:\Users\student\Desktop\1BF24CS255\stack\main.exe
Enter size of stack: 3

1. Push
2. Pop
3. Peek
4. Exit
Enter your choice: 2
Underflow

1. Push
2. Pop
3. Peek
4. Exit
Enter your choice: 1
Enter value to be pushed: 1

1 pushed to stack

1. Push
2. Pop
3. Peek
4. Exit
Enter your choice: 1
Enter value to be pushed: 2

2 pushed to stack

1. Push
2. Pop
3. Peek
4. Exit
Enter your choice: 1
Enter value to be pushed: 3

3 pushed to stack

1. Push
2. Pop
3. Peek
4. Exit
Enter your choice: 1
Enter value to be pushed: 2

Overflow

1. Push
2. Pop
3. Peek
4. Exit
Enter your choice: 3
Top element is 3

1. Push
2. Pop
3. Peek
4. Exit
Enter your choice: 4

Process returned 0 (0x0)   execution time : 40.198 s
Press any key to continue.
```