

Choose operations:

1. Push (Stack)
2. Pop (Stack)
3. Enqueue (Queue)
4. Dequeue (Queue)
5. Display Stack
6. Display Queue
7. Exit

Enter your choice: 1

Enter value to push: 3

Enter your choice: 1

Enter value to push: 2

Enter your choice: 3

Enter value to enqueue: 5

Enter your choice: 3

Enter value to enqueue: 6

Enter your choice: 5

Stack: 2 -> 3 -> NULL

Enter your choice: 6

Queue: 5 -> 6 -> NULL

Enter your choice: 1

Enter value to push: 4

Enter your choice: 1

Enter value to push: 5

Enter your choice: 5

Stack: 5 -> 4 -> 2 -> 3 -> NULL

Enter your choice: 3

Enter value to enqueue: 7

Enter your choice: 3

Enter value to enqueue: 9

Enter your choice: 6

Queue: 5 -> 6 -> 7 -> 9 -> NULL

Enter your choice: 2

Enter your choice: 2

Enter your choice: 4

Enter your choice: 4

Enter your choice: 5

Stack: 2 -> 3 -> NULL

Enter your choice: 6

Queue: 7 -> 9 -> NULL

```
Enter the number of elements for List 1: 5
Enter the elements for List 1: 5
3
4
21
1
Enter the number of elements for List 2: 6
Enter the elements for List 2: 4
8
4
9
6
8
List 1:
  list 2:5 -> 3 -> 4 -> 21 -> 1 -> NULL
4 -> 8 -> 4 -> 9 -> 6 -> 8 -> NULL
Sorted List 1:1 -> 3 -> 4 -> 5 -> 21 -> NULL
Reversed List 1:21 -> 5 -> 4 -> 3 -> 1 -> NULL
Concatenated List: 21 -> 5 -> 4 -> 3 -> 1 -> 4 -> 8 -> 4 -> 9 -> 6 -> 8 -> NULL

Process returned 0 (0x0)   execution time : 19.525 s
Press any key to continue.
```