

```
Menu:
1. Push onto Stack
2. Pop from Stack
3. Display Stack
4. Enqueue into Queue
5. Dequeue from Queue
6. Display Queue
7. Exit
Enter your choice: 1
Enter value to push onto the stack: 12
12 pushed onto the stack.
```

```
Menu:
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7. Exit
Enter your choice: 1
Enter value to push onto the stack: 15
15 pushed onto the stack.
```

```
Menu:
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6. Display Queue
7. Exit
Enter your choice: 1
Enter value to push onto the stack: 10
10 pushed onto the stack.
```

```
Menu:
1. Push onto Stack
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3. Display Stack
4. Enqueue into Queue
5. Dequeue from Queue
6. Display Queue
7. Exit
Enter your choice: 3
Stack: 10 -> 15 -> 12 -> NULL
```

```
Menu:
1. Push onto Stack
2. Pop from Stack
3. Display Stack
4. Enqueue into Queue
5. Dequeue from Queue
6. Display Queue
7. Exit
Enter your choice: 2
10 popped from the stack.
```

```
Menu:
1. Push onto Stack
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3. Display Stack
4. Enqueue into Queue
5. Dequeue from Queue
6. Display Queue
7. Exit
Enter your choice: 3
Stack: 15 -> 12 -> NULL
```

```
Menu:
1. Push onto Stack
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3. Display Stack
4. Enqueue into Queue
5. Dequeue from Queue
6. Display Queue
7. Exit
Enter your choice: 2
15 popped from the stack.
```

```
Menu:
1. Push onto Stack
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3. Display Stack
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6. Display Queue
7. Exit
Enter your choice: 3
Stack: 12 -> NULL
```

```
Menu:
1. Push onto Stack
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5. Dequeue from Queue
6. Display Queue
7. Exit
Enter your choice: 2
12 popped from the stack.
```

```

Menu:
1. Push onto Stack
2. Pop from Stack
3. Display Stack
4. Enqueue into Queue
5. Dequeue from Queue
6. Display Queue
7. Exit
Enter your choice: 3
Stack is empty.

Menu:
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3. Display Stack
4. Enqueue into Queue
5. Dequeue from Queue
6. Display Queue
7. Exit
Enter your choice: 4
Enter value to enqueue into the queue: 11
11 enqueued into the queue.

Menu:
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4. Enqueue into Queue
5. Dequeue from Queue
6. Display Queue
7. Exit
Enter your choice: 4
Enter value to enqueue into the queue: 12
12 enqueued into the queue.

Menu:
1. Push onto Stack
2. Pop from Stack
3. Display Stack
4. Enqueue into Queue
5. Dequeue from Queue
6. Display Queue
7. Exit
Enter your choice: 6
Queue: 11 -> 12 -> NULL

```

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Menu:
1. Push onto Stack
2. Pop from Stack
3. Display Stack
4. Enqueue into Queue
5. Dequeue from Queue
6. Display Queue
7. Exit
Enter your choice: 5
11 dequeued from the queue.

Menu:
1. Push onto Stack
2. Pop from Stack
3. Display Stack
4. Enqueue into Queue
5. Dequeue from Queue
6. Display Queue
7. Exit
Enter your choice: 6
Queue: 12 -> NULL

Menu:
1. Push onto Stack
2. Pop from Stack
3. Display Stack
4. Enqueue into Queue
5. Dequeue from Queue
6. Display Queue
7. Exit
Enter your choice: 5
12 dequeued from the queue.

Menu:
1. Push onto Stack
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4. Enqueue into Queue
5. Dequeue from Queue
6. Display Queue
7. Exit
Enter your choice: 6
Queue is empty.

Menu:
1. Push onto Stack
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5. Dequeue from Queue
6. Display Queue
7. Exit
Enter your choice: 7
Exiting program.

```

