

```
QUEUE OPERATIONS MENU
1. Enqueue (Insert)
2. Dequeue (Remove)
3. Peek (Front Element)
4. Display Queue
5. Exit
Enter your choice: 3
```

Queue is EMPTY! Nothing to peek.

```
QUEUE OPERATIONS MENU
1. Enqueue (Insert)
2. Dequeue (Remove)
3. Peek (Front Element)
4. Display Queue
5. Exit
Enter your choice: 1
Enter the value to enqueue: 1
1 inserted into the queue.
```

```
QUEUE OPERATIONS MENU
1. Enqueue (Insert)
2. Dequeue (Remove)
3. Peek (Front Element)
4. Display Queue
5. Exit
Enter your choice: 1
Enter the value to enqueue: 2
2 inserted into the queue.
```

```
QUEUE OPERATIONS MENU
1. Enqueue (Insert)
2. Dequeue (Remove)
3. Peek (Front Element)
4. Display Queue
5. Exit
Enter your choice: 1
Enter the value to enqueue: 3
3 inserted into the queue.
```

```
QUEUE OPERATIONS MENU
1. Enqueue (Insert)
2. Dequeue (Remove)
3. Peek (Front Element)
4. Display Queue
5. Exit
Enter your choice: 1
Enter the value to enqueue: 4
4 inserted into the queue.
```

```
QUEUE OPERATIONS MENU
1. Enqueue (Insert)
2. Dequeue (Remove)
3. Peek (Front Element)
4. Display Queue
5. Exit
Enter your choice: 1
Enter the value to enqueue: 5
5 inserted into the queue.
```

QUEUE OPERATIONS MENU

1. Enqueue (Insert)
2. Dequeue (Remove)
3. Peek (Front Element)
4. Display Queue
5. Exit

Enter your choice: 1

Queue is FULL! Cannot insert more elements.

QUEUE OPERATIONS MENU

1. Enqueue (Insert)
2. Dequeue (Remove)
3. Peek (Front Element)
4. Display Queue
5. Exit

Enter your choice: 2

1 removed from the queue.

QUEUE OPERATIONS MENU

1. Enqueue (Insert)
2. Dequeue (Remove)
3. Peek (Front Element)
4. Display Queue
5. Exit

Enter your choice: 4

Queue elements are: 2 3 4 5

QUEUE OPERATIONS MENU

1. Enqueue (Insert)
2. Dequeue (Remove)
3. Peek (Front Element)
4. Display Queue
5. Exit

Enter your choice: 5

Exiting program... Goodbye!

Process returned 0 (0x0) execution time : 100.786 s

Press any key to continue.