

```
clang-7 -pthread -lm -o main main.c  
./main
```

STACK OPERATIONS

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 1

Enter data to be pushed: 10

10 is pushed

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 1

Enter data to be pushed: 20

20 is pushed

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 1

Enter data to be pushed: 30

30 is pushed

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 3

30 20 10

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 2

30 popped

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 2

20 popped

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 2

10 popped

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 2

Enter your choice: 2

Stack Underflow

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 4

End of Stack Operations

QUEUE OPERATIONS

1.Insert 2.Delete 3.Display 4.Exit

Enter your choice: 1

Enter data to be inserted: 20

20 is inserted

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 1

Enter data to be inserted: 30

30 is inserted

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 1

Enter data to be inserted: 40

40 is inserted

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 3

Queue Elements:

20 30 40

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 2

20 deleted

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 2

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 1

Enter data to be inserted: 40

40 is inserted

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 3

Queue Elements:

20 30 40

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 2

20 deleted

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 2

30 deleted

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 2

40 deleted

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 2

Queue Underflow

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 3

Empty queue

1.Push 2.Pop 3.Display 4.Exit

Enter your choice: 4

End Of Queue Operations

