

main.c



Stack implementation using linked list

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

Enter your choice : 1

Enter the element

10

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

Enter your choice : 1

Enter the element

20

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

Enter your choice : 1

Enter the element

30



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

Enter your choice : 2

30 20 10

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

Enter your choice : 3

element removed is 30



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

Enter your choice : 3

element removed is 20

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

Enter your choice : 3

element removed is 10

1. Push



- 3. Pop
- 4. Exit

Enter your choice : 3  
element removed is 20

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

Enter your choice : 3  
element removed is 10

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

Enter your choice : 3  
stack is empty

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

Enter your choice : 4

...Program finished with exit code 0  
Press ENTER to exit console.



## Queue implementation using linked list

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

Enter your choice : 1

Enter the element:

10

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

Enter your choice : 1

Enter the element:

20



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

Enter your choice : 1

Enter the element:

30



- 
- 
1. Create
  2. Display
  3. Delete
  4. Exit


Enter your choice : 2

10 20 30

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

Enter your choice : 3

Deleted element is 10

- 
1. Create
  2. Display
  3. Delete
  4. Exit

Enter your choice : 3

Deleted element is 20

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

Enter your choice : 3

Deleted element is 30

Queue is empty



Enter your choice : 3

Deleted element is 20

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

Enter your choice : 3

Deleted element is 30

Queue is empty

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

Enter your choice : 2

Queue is empty

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

Enter your choice : 4

...Program finished with exit code 0  
Press ENTER to exit console.