

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

1. Create
2. Display
3. Insert\_at\_begining
4. Insert\_at\_end
5. Insert\_at\_middle

Enter your choice : 1

Enter the data : 10

Node created

1. Create
2. Display
3. Insert\_at\_begining
4. Insert\_at\_end
5. Insert\_at\_middle

Enter your choice : 1

Enter the data : 20

Node created

1. Create
2. Display
3. Insert\_at\_begining
4. Insert\_at\_end
5. Insert\_at\_middle

Enter your choice : 2

10 20

1. Create



5. Insert\_at\_middle  
Enter your choice : 2  
10 20  
1. Create  
2. Display  
3. Insert\_at\_begining  
4. Insert\_at\_end  
5. Insert\_at\_middle  
Enter your choice : 3  
Enter the element : 30

1. Create  
2. Display  
3. Insert\_at\_begining  
4. Insert\_at\_end  
5. Insert\_at\_middle

Enter your choice : 2  
30 10 20

1. Create  
2. Display  
3. Insert\_at\_begining  
4. Insert\_at\_end  
5. Insert\_at\_middle

Enter your choice : 4  
enter the element : 40

1. Create  
2. Display  
3. Insert\_at\_begining



1. Create
2. Display
3. Insert\_at\_begining
4. Insert\_at\_end
5. Insert\_at\_middle

Enter your choice : 2

30 10 20 40

1. Create
2. Display
3. Insert\_at\_begining
4. Insert\_at\_end
5. Insert\_at\_middle

Enter your choice : 5

enter the element : 50

enter the position to be inserted : 2

1. Create
2. Display
3. Insert\_at\_begining
4. Insert\_at\_end
5. Insert\_at\_middle

Enter your choice : 2

30 50 10 20 40

1. Create
2. Display
3. Insert\_at\_begining
4. Insert\_at\_end
5. Insert\_at\_middle

Enter your choice : █