

```
1.create linked list  
2.insert at beginning  
3.insert at end  
4.insert at any position  
5.display  
6.exit  
Enter your choice:1  
Enter number of nodes:  
3  
Enter data for node 1:10  
Enter data for node 2:20  
Enter data for node 3:30  
Node is created.
```

```
1.create linked list  
2.insert at beginning  
3.insert at end  
4.insert at any position  
5.display  
6.exit  
Enter your choice:2  
Enter data to insert:  
40  
Node is inserted at the beginning.
```

```
1.create linked list  
2.insert at beginning  
3.insert at end  
4.insert at any position  
5.display  
6.exit  
Enter your choice:3  
Enter data to insert:  
50  
Node is inserted at the end.
```

```
1.create linked list
2.insert at beginning
3.insert at end
4.insert at any position
5.display
6.exit
Enter your choice:4
Enter data to insert and the position to insert:
45
2

1.create linked list
2.insert at beginning
2.insert at beginning
3.insert at end
4.insert at any position
5.display
6.exit
Enter your choice:5

Linked list:40 ->45 ->10 ->20 ->30 ->50 ->NULL

1.create linked list
2.insert at beginning
3.insert at end
4.insert at any position
5.display
6.exit
Enter your choice:6
Exiting the program.
PS C:\Users\student> []
```