

## 4. Linked List- Insertion

```
C:\Users\aruna\Desktop\1BM24CS056> gcc LL_insert.c -o LL_insert.exe
C:\Users\aruna\Desktop\1BM24CS056>LL_insert.exe

1.Insert begin
2.Insert end
3.Insert position
4.Display
5.Exit
Enter your choice: 4
List is empty

1.Insert begin
2.Insert end
3.Insert position
4.Display
5.Exit
Enter your choice: 1
Enter the value: 1

1.Insert begin
2.Insert end
3.Insert position
4.Display
5.Exit
Enter your choice: 1
Enter the value: 2

1.Insert begin
2.Insert end
3.Insert position
4.Display
5.Exit
Enter your choice: 1
Enter the value: 3
```

```
1.Insert begin  
2.Insert end  
3.Insert position  
4.Display  
5.Exit  
Enter your choice: 1  
Enter the value: 4
```

```
1.Insert begin  
2.Insert end  
3.Insert position  
4.Display  
5.Exit  
Enter your choice: 4  
4-> 3-> 2-> 1
```

```
1.Insert begin  
2.Insert end  
3.Insert position  
4.Display  
5.Exit  
Enter your choice: 2  
Enter value: 5
```

```
1.Insert begin  
2.Insert end  
3.Insert position  
4.Display  
5.Exit  
Enter your choice: 4  
4-> 3-> 2-> 1-> 5
```

```
1.Insert begin  
2.Insert end  
3.Insert position  
4.Display  
5.Exit  
Enter your choice: 3  
Enter value: 7  
Enter position you want to insert at: 3
```

```
1.Insert begin  
2.Insert end  
3.Insert position  
4.Display  
5.Exit  
Enter your choice: 4  
4-> 3-> 7-> 2-> 1-> 5
```

```
1.Insert begin  
2.Insert end  
3.Insert position  
4.Display  
5.Exit  
Enter your choice: 5
```

```
C:\Users\aruna\Desktop\1BM24CS056>
```