

## 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>
```