

```
1 #include<stdio.h>
2 #include<stdlib.h>
3 struct node
4 {
5     int data;
6     struct node *next;
7 };
8 struct node *start;
9 /*function declaration of all the operations*/
10 void insert_begin();
11 void insert_last();
12 void insert_locc();
13 void delete_begin();
14 void delete_last();
15 void delete_locc();
16 void print();
17 int main ()
18 {
19     int ch=0;
20     while(ch!=8)
21     {
22         printf("\nEnter the operation to be performed\n");
23         printf("\n1.Insert in the beginning\n2.Insert at last\n3.Insert at any specified position\n");
24         scanf("%d",&ch);
25         switch(ch)
26         {
27             /*function calls of all the operations */
28             case 1:
29                 insert_begin();
30                 break;
31             case 2:
32                 insert_last();
33                 break;
34             case 3:
35                 insert_locc();
36                 break;
```

Enter the operation to be performed

- 1.Insert in the beginning
- 2.Insert at last
- 3.Insert at any specified position
- 4.Delete from Beginning
- 5.Delete from last
- 6.Delete node after specified location
- 7.Show
- 8.Exit

Enter valid option

Enter the operation to be performed

- 1.Insert in the beginning
- 2.Insert at last
- 3.Insert at any specified position
- 4.Delete from Beginning
- 5.Delete from last

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\welcome\Documents\linked lists.exe
- Output Size: 131.0224609375 KiB
- Compilation Time: 0.36s