

~\OneDrive\Desktop\linkedlist\insertatbegin.cpp

```
1  #include<iostream>
2  using namespace std ;
3  class node{
4      public:
5      int data;
6      node*link;
7      node(){
8          data=0;
9          link=NULL;
10
11      }
12      node(int data){
13          this->data=data;
14          this->link=NULL;
15      }
16 };
17
18
19
20 class Linklist{
21     public:
22     node*head;
23     Linklist(){
24         head=NULL;
25
26     }
27
28
29     void insertathead(int data){
30         node*newNode = new node(data);
31
32         if(head==NULL){
33             head=newNode;
34             return;
35         }
36         newNode->link=head;
37         head=newNode;
38
39     }
40
41     void print(){
42         node*temp=head;
43         if(head==NULL){
44             cout<<"list empty"<<endl;
45
46             return;
47         }
48
49         while(temp!=NULL){
50
51             cout<<temp->data<<" ";
```

```
52         temp=temp->link;
53     }
54
55
56     }
57 };
58 int main(){
59
60     Linklist list;
61     list.insertathead(40);
62     list.insertathead(30);
63     list.insertathead(20);
64     list.insertathead(10);
65     cout<<"element of the list are ";
66
67     list.print();
68     cout<<endl;
69
70     return 0 ;
71 }
```