

```

//Linked List
// Author - Jyoti Lakhani

#include<iostream>
using namespace std;
//Structure of a Node
struct Node
{
    int info;
    struct Node *next;
}*new_node,*start,*ptr;

struct Node *create_node(int);
int value;
//Create a New Node
struct Node *create_node(int value)
{
    new_node = new Node();
    new_node->info= value;
    new_node->next=NULL;
    return new_node;
}
// Insertion of Node at the beginning of the Linked List
void insert_begin(struct Node *new_node)
{
    //case 1: linked list is Empty
    if(start==NULL)
    {
        start=new_node;
    }
    else // Linked List not empty
    {
        new_node->next = start;
        start= new_node;
    }
}
//Display or Traverse a Linked List
void display()
{
    if(start==NULL)
    {
        cout<<"\n No node to diaplay...\nList is Empty";
        return;
    }
    else
    {
        ptr = start;
        while(ptr!=NULL)
        {
            cout<<ptr->info<<"-";
            ptr=ptr->next;
        }
        cout<<"!!!"<<endl;
    }
}

int main()
{
    int flag=0;
    int ch;
}

```

```

while(flag==0)
{
    cout<<"Choose an option\n";
    cout<<"1. Create a node \n2. Insert at Front \n3. Display/Travarse \n4.
Exit\n" ;
    cin>>ch;
    switch(ch)
    {
        case 1:
            cout<<("Enter info for new node\n");
            cin>>value;
            new_node = create_node(value);
            if(new_node!= NULL)
            {
                cout<<"\nnew_node created sucessfully\n";
                cout<<"new_node->info = "<<new_node->info<<endl;
            }
            else
            {
                cout<<"Problem in creating node\n Try Next Time\n";
                return 0;
            }
            break;
        case 2:
            insert_begin(new_node);
            cout<<"\n New node inserted at the begining successfully\
n";
            break;
        case 3:
            cout<<"\n Traversing Linked List..\n";
            display();
            break;
        case 4:
            cout<<"Exiting...\n";
            return 0;
    }
}
return 0;
}

```