**CREATE A BINARY SEARCH TREE**

#include<iostream>

#include<conio.h>

#include<stdlib.h>

using namespace std;

class Node

{

public:

int data;

Node \*left,\*right;

};

class list:public Node

{

Node \*left,\*right,\*root,\*temp;

public:

list()

{

left=NULL;

right=NULL;

root=NULL;

temp=NULL;

}

void create();

};

void list::create()

{

int n,key;

Node \*newnode=new Node;

cout<<"Enter element at root node:";

cin>>n;

newnode->data=n;

newnode->left=NULL;

newnode->right=NULL;

if(root==NULL)

{

temp=root=newnode;

}

cout<<"Enter next element to add in binary tree:";

cin>>key;

if(key<temp->left)

{

if(temp->left==NULL)

{

temp->left=newnode;

}

else

{

temp=temp->left;

}

}

else

{

if(temp->right==NULL)

{

temp->right=newnode;

}

else

{

temp=temp->right;

}

}

}

int main()

{

list l;

int c;

cout<<"1.Create binary tree\n2.Display\n";

cin>>c;

switch(c)

{

case 1:l.create();

break;

case 2:return 0;

}

}