**STL Stack implementation using list.**

#include <iostream>

#include<list>

using namespace std;

class stacks{

list<int> l;

public:

void push(){

int data;

cout<<endl<<"Enter data:";

cin>>data;

l.push\_back(data);

}

void pop(){

cout<<"Element deleted successfully:"<<l.back();

l.pop\_back();

}

void display(){

cout<<endl<<"Stack elements:";

list<int>::iterator it;

for(it=l.begin();it!=l.end();it++){

cout<<\*it<<"\t";

}

}

};

int main()

{

stacks q1;

int ch;

do{

cout<<endl<<"1.Push...\n2.pop...\n3.display....";

cout<<endl<<"Enter your choice:";

cin>>ch;

switch(ch){

case 1:

q1.push();

break;

case 2:

q1.pop();

break;

case 3:

q1.display();

break;

}

}while(ch!=4);

return 0;

}