Q . Implemention of stack and push and pop and display??

#include<iostream>

using namespace std;

int stack[100],top= 0,max,choice,item,temp[100],k,i;

pop(int max){

if(top==max){

cout<<"stack is full :";

}

else{

cout<<"enter the value to pushed :";

cin>>item;

cout<<" position = "<<top<<" pushed item :"<<item;

stack[top++]=item;

}

}

pop(){

if(top==0){

cout<<"stack underflow :";

}

else{

--top;

temp[k++]=stack[top];

cout<<"\n position : "<<top<<" popped value "<<stack[top];

}

}

display(){

cout<<"\n stack size :"<<top<<endl;

for(i=0;i<top;i++ ){

cout<<"position :"<<i<<" elments :"<<stack[i]<<endl;

}

}

main(){

int max;

char j='y';

cout<<"enter the size of stack (max value ): ";

cin>>max;

while(j=='y'){

cout<<"\n 1.For push \n 2.pop \n 3.display ";

cout<<"\nenter the choices:";

cin>>choice;

switch(choice){

case 1:

pop(max);

cout<<"\n press y to continue and n to discontinue :";

cin>>j;

break;

case 2:

pop();

cout<<"\n press y to continue and n to discontinue :";

cin>>j;

break;

case 3:

display();

cout<<"\n press y to continue and n to discontinue :";

cin>>j;

break;

default:

cout<<"OOPS SOMETHING WENT WRONG ";

cout<<"\n press y to continue and n to discontinue :";

cin>>j;

break;

}

}

}