**PUSHING IN ARRAY STACK**

#include<iostream.h>

#include<stdlib.h>

#include<process.h>

int push(int[],int&,int);

void display(int[],int);

constint size=50;

int main()

{int stack[size],item,top=-1,res;

charch='y';

while(ch=='y'||ch=='Y')

{cout<<"enter item for insertion:";

cin>>item;

res=push(stack,top,item);

if(res==-1)

{cout<<"overflow!!aborting!!";

exit(1);}

cout<<"the stack now is:";

display(stack,top);

cout<<"\n want to insert more elements:(y/n)";

cin>>ch;}

return 0;}

int push(int stack[],int&top,intele)

{if(top==size-1)

return -1;

else

{top++;

stack[top]=ele;}

return 0;}

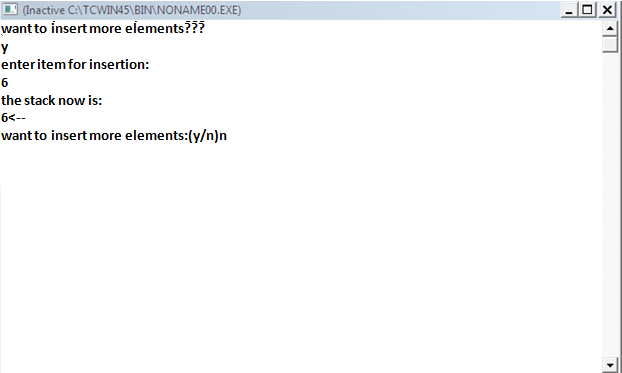
void display(int stack[],int top)

{cout<<stack[top]<<"<--"<<endl;

for(inti=top-1;i>=0;i++)

cout<<stack[i]<<endl;}

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*OUTPUT\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

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