#include<stdio.h>

#include<conio.h>

#define max 10

char stk[max];

int top=-1;

void push(char);

char pop();

void main()

{

int i;

char st[10],x;

printf("\nRead string");

gets(st);

for(i=0;i<strlen(st);i++)

push(st[i]);

while(top>-1)

printf("%c",pop());

getch();

}

void push(char ch)

{

if(top==(max-1))

printf("Stack overflow");

else

{

top++;

stk[top]=ch;

}

}

char pop()

{

char x;

if(top==-1)

printf("stack underflow");

else

{

char x = stk[top];

top--;

return (x);

}