/\*stack lifo\*/

#include<stdio.h>

int main()

{

int n,top=-1;

printf("enter the value of n\n");

scanf("%d",&n);

int stack[n];

printf("enter the values of stack\n");

for(int i=0;i<n;i++)

{

scanf("%d",&stack[++top]);

}

printf("display the stack\n");

for(int i=top;i>=0;i--)

{

printf("%d\n",stack[i]);

}

printf("doing LIFO \n");

int x;

if(top==-1) //by again & again deletion

{

printf("stack is empty\n");

}

else

{

x=stack[top];

printf("deleted value is %d\n",x);

top--;

}

printf("aftet LIFO the stack is\n");

for(int i=top;i>=0;i--)

{

printf("%d\n",stack[i]);

}

return 0;

}