***Stacks follow LIFO i.e last in first out***

#include <stdio.h>

int stack[8];

int top = -1; **//define a variable as -1 In the start itself**

int pop() {

int x;

x = stack[top];

top = top - 1; **//the top is decreased and the next number becomes the top element**

return x;

}

int push(int x) {

top = top + 1; **// top value is incremented for thr insertion**

stack[top] = x; **//the top value of the array is changed to the value of x as the top is changed**

}

int main() {

push(5);

push(4);

push(3);

push(2);

push(1);

}