

Write a program to simulate the working of stack using an array with the following

a) Push                      b) Pop                      c) Display

The program should print appropriate messages for stack overflow, stack underflow

Create a stack S of SIZE

To push an element n

if (top == SIZE - 1)

~~Can't~~ print can't insert, stack overflow

else

top = top + 1

S[top] = n

print insertion success

To pop an element

if (top == -1)

print stack is empty, underflow

else

print Deleted

top = top - 1

To display

if (top == -1)

print Stack is empty

else

int i

for (i = top to i >= 0)

prints the elements of stack, S[i]