



main.py

Shell



Initial stack

['a', 'b', 'c']

Elements popped from stack:

c

b

a

Stack after elements are popped:

[]

> |



1

2

3

4

5

6

7

8

9

0

q

w

e

r

t

y

u

i

o

p

a

s

d

f

g

h

j

k

l



z

x

c

v

b

n

m



?123



En/Ta





main.py

Shell



```
1  # Python program to
2  # demonstrate stack implementation
3  # using list
4
5  stack = []
6
7  # append() function to push
8  # element in the stack
9  stack.append('a')
10 stack.append('b')
11 stack.append('c')
12
13 print('Initial stack')
14 print(stack)
15
16 # pop() function to pop
17 # element from stack in
18 # LIFO order
19 print('\nElements popped from stack:')
20 print(stack.pop())
21 print(stack.pop())
22 print(stack.pop())
23
24 print('\nStack after elements are popped
    :')
25 print(stack)
26
27 # uncommenting print(stack.pop())
28 # will cause an IndexError
29 # as the stack is now empty
```

Run