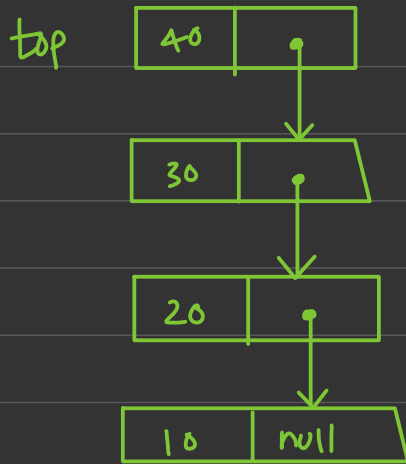
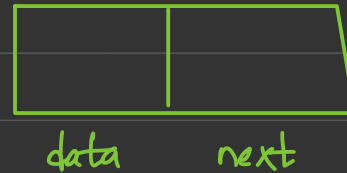


Stack using LinkedList

Node



top = null

Push: 1. Create node 'new'

2. new.data = value

3. if top == null

new.next = null

top = new

else:

new.next = top

top = new



new

Pop: ① If top == null

Stop ("Underflow. Cannot pop")

else:

int x = top.data

Set p = top

top = top.next

p = null

return x

Peek:

if top == null

Stop (Underflow)

else

int x = top.data

return x

Traverse:

```
1. If top == null
    Sop ("Underflow. Cannot traverse.")
else
    Set p = top
    while (p != null)
    {
        Sop (p.data)
        p = p.next
    }
```

×