

```
def append (self, n):

if self-isempty():

self.value = 2

return

# self.next.append(2)

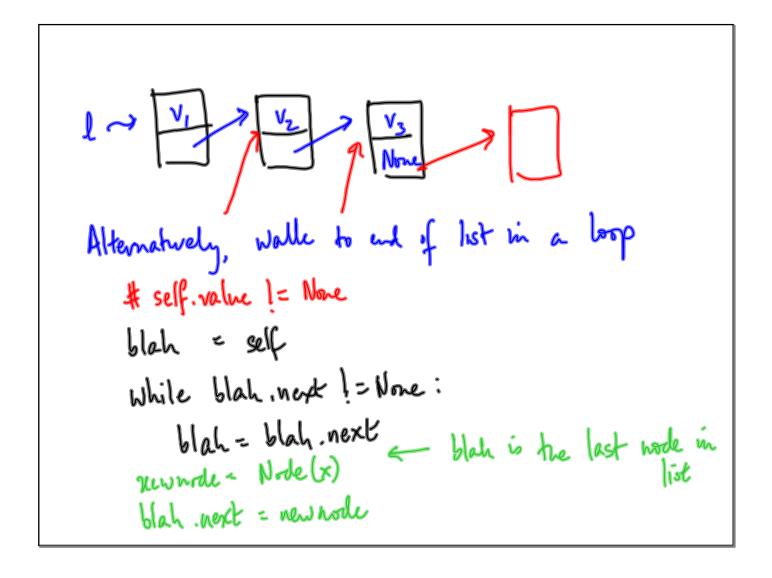
if self.next == None:

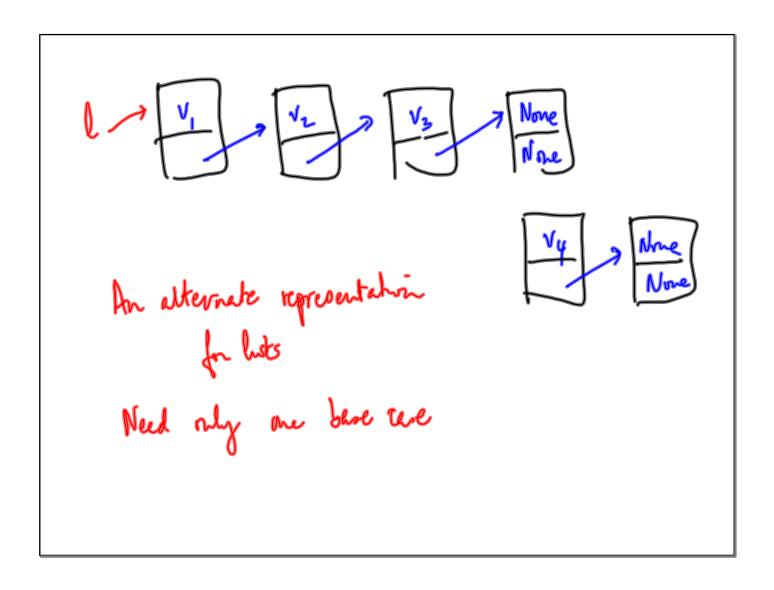
newword = Norde(2)

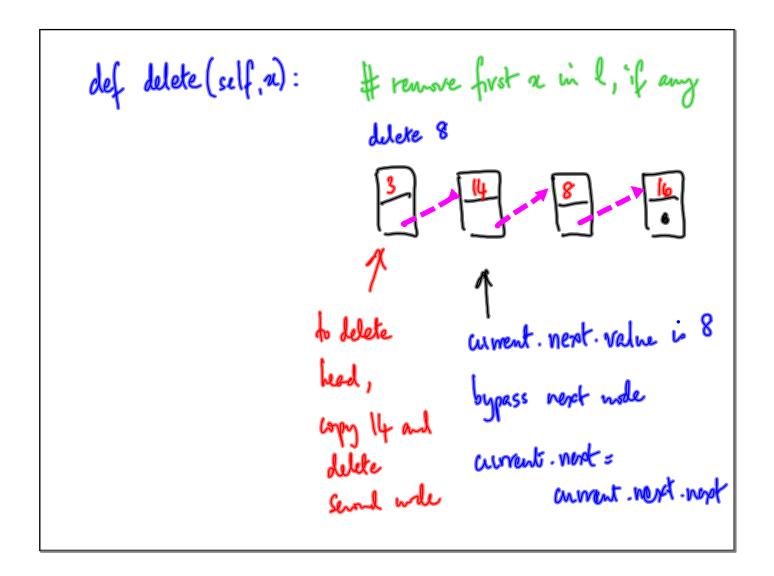
self.next = noworde

return

self.next.append(n)
```







```
North with alternative representation

class Norde:

def _-inst__ (self, initial = None)

self value = initial

if initial!= None: # without would be 0

self next = Norde()

else:

self next = None
```

def append (self, n): def delete (self, x): if self-value == None: if self. value == None: self. value = 2 return self. next = Node () If self. value != x: self.next.delete(x) else: # Copy second node self. next. eppend (a) self. value = self. rest. value self. next = self-next-next return

Some move feethwes of Python classes

Special functions

--str-- (unplicitly called when str() is

mvoked on object

Should return string

Similar functions implicitly invoked for +, \*

Can use one function to define enshing class Quene:

def votateq (self):

val = self. venoveq()

self. insertq (val)