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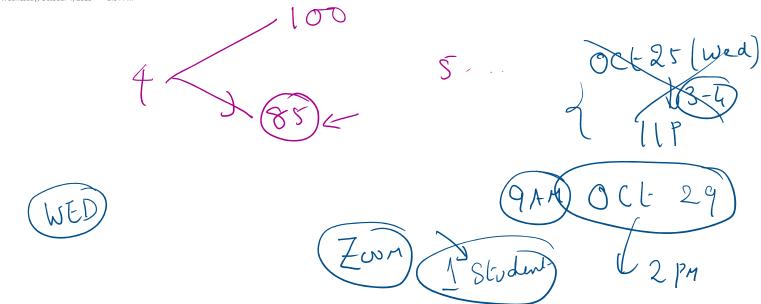
Wednesday, October 4, 2023

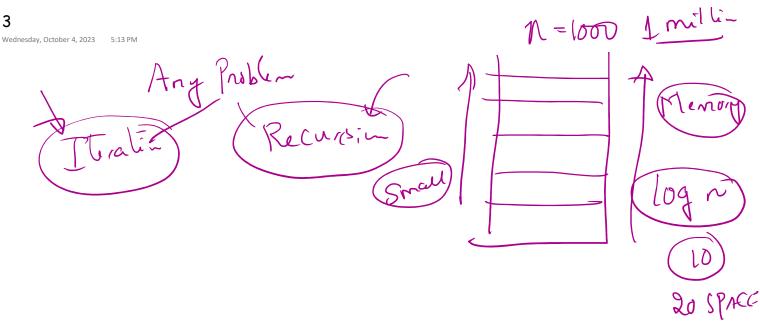
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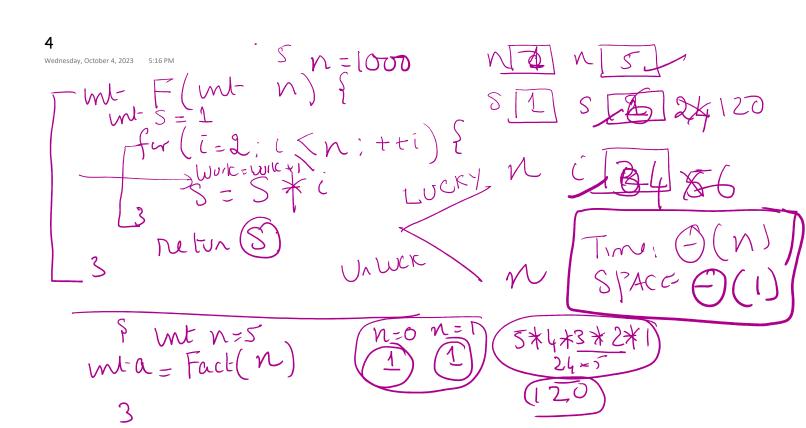
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- JV Jagadeesh Vasudevamu... (H
 - JC Jingyi Chen
 - QC Qian Chen
 - SC Shrushti Chahande
 - ZC Zhe Cao

- JV Jagadeesh Vasudevamurthy (Host, me)
- AN Anirudh Negi
- C(Claire (Yitong) Wu (Guest)
- JZ Jiading Zhou
- JC Jingyi Chen
- ML Mu Lyu
- QC Qian Chen
- QY Qing Yu
- Shrushti Chahande
- Shrushti Chahande (Guest)
- Venni (cn: Wen Yu)
- Yang Jiang
- YL Yuexin Li (Guest)
- ZC Zhe Cao
- HS Hongji Shi





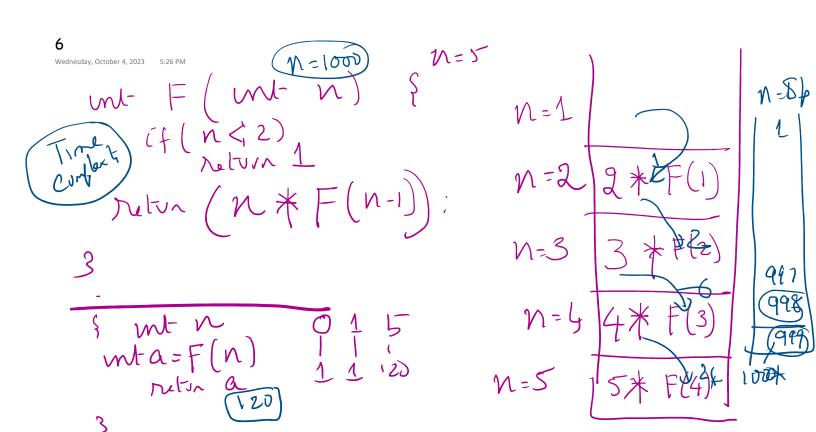


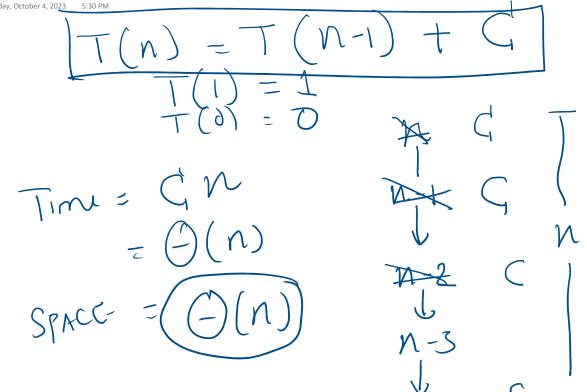
int F(mt-n)]:020

if $(n \le 2)$ return 1

return (n + F(n-1)):

 $\frac{1}{2}$ who $\frac{1}{2}$ $\frac{1}{20}$





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wednesday, October 4, 2023 5-50 PM B (m/ n) } [986 2198

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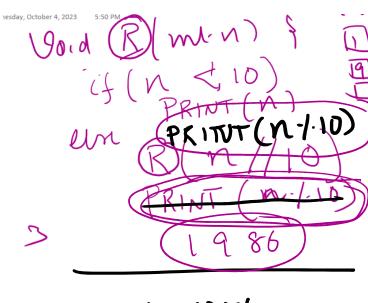
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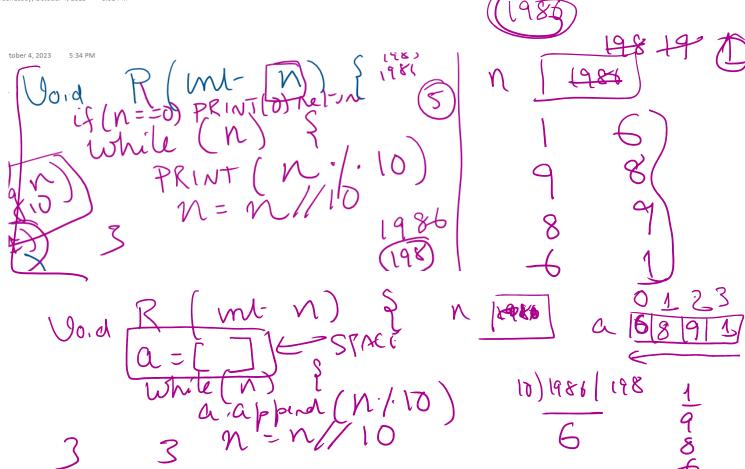
1986 2198

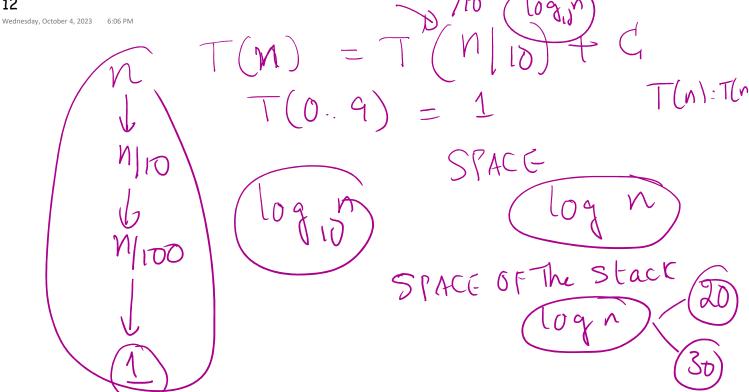
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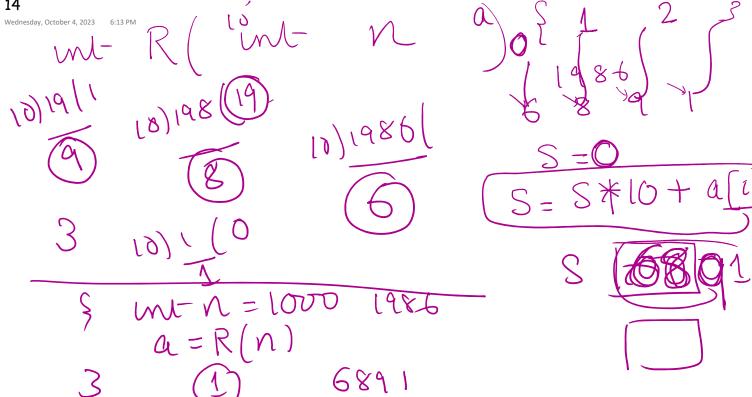


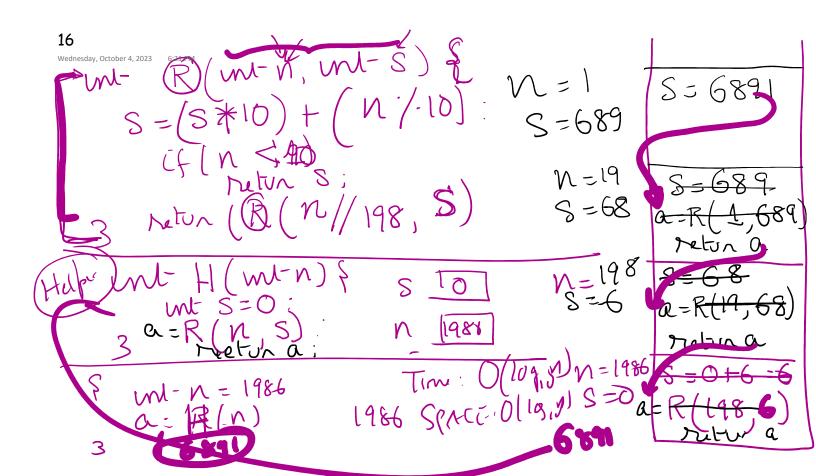
M = 1986





13 Wednesday, October 4, 2023 10) 1986 (198 10) 198(19 10) 19(1 लंग लंग 24 10 m-n=1986 m-a=R(n)





```
Wednesday, October 4, 2023 7:02 PM
```

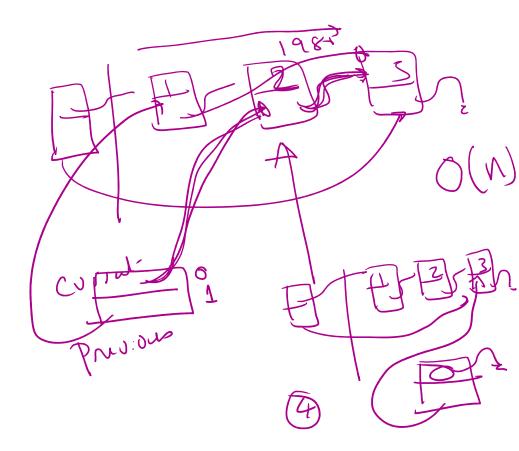
FAUST node(self,i:'int',append:'bool' = True): r = ListNode(i)
if (self._first == None and self._last == None): #Handle empty case self._first = n self._last = n else: if (append): self._last.next = n self._last = n else: n.next = self._first self._first = n

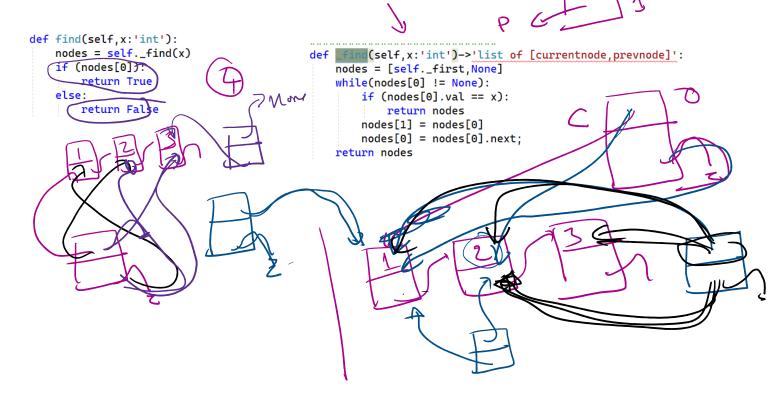
Wednesday, October 4, 2023 7:04 PM

def find(self,x:'int'):
 nodes = self._find(x)
 if (nodes{0}):
 return True
 else:
 return False

Q(V)

Delit

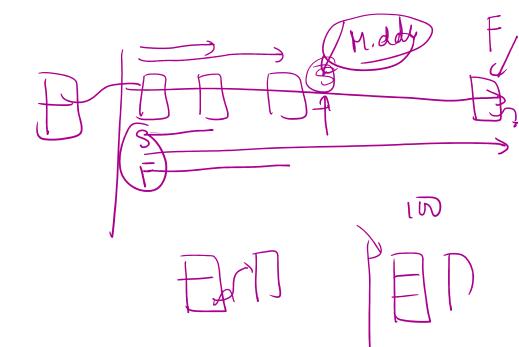




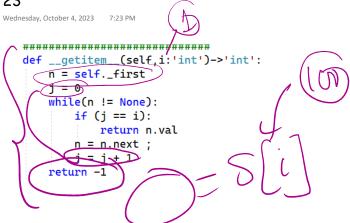
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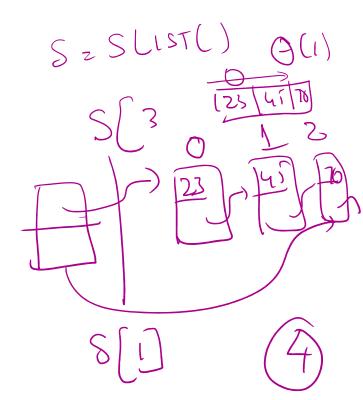
```
def delete(self,x:'int')->'bool':
    nodes = self._find(x)
    a = self._unhook(nodes)
    return a ;
def _unhook(self,nodes:'list of size 2')->'bool':
    (f (nodes[0])
      currentnode = nodes[0]
       previousnode nodes[1]
        if ( (currentnode == self._first) and (currentnode == self._last) and (previousnode == None) )
           ## list has only one element
            assert(self._first == self._last)
           self._first = None
            self._last = None
        elif (currentnode == self._first):
           ## first element being removed and list has more than 1 element
            assert(self. first next != None)
          self._first = currentnode.next
        elif (currentnode == self._last):
           ## last element being removed and list has more than 1 element
            assert(self. first)
           previousnode.next = None
           self._last = previousnode
           ## You are removing middle element
           assert(self._first)
           assert(self__last)
            previousnode.next = currentnode.next
    else:
       return False
```

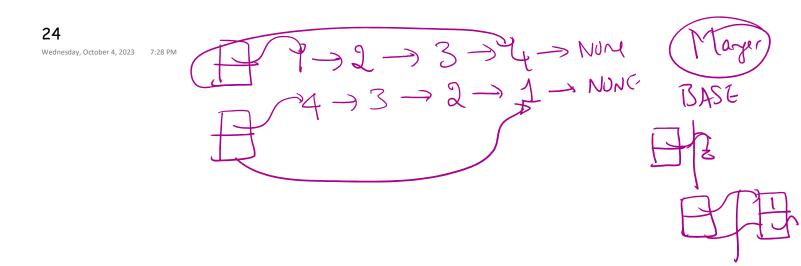
```
def find_mid_point(self)->'int':
    if (self._first == None):
        return 0
    s = self._first
    f = s.next
    while(f != None):
        f = f.next
        if (f != None):
        f = f.next
        return s.val
```



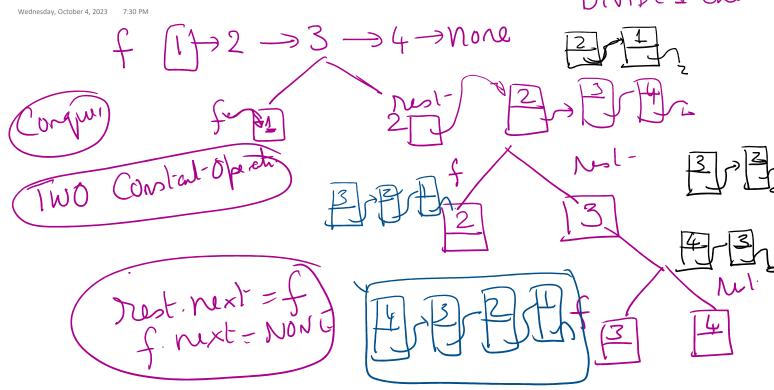


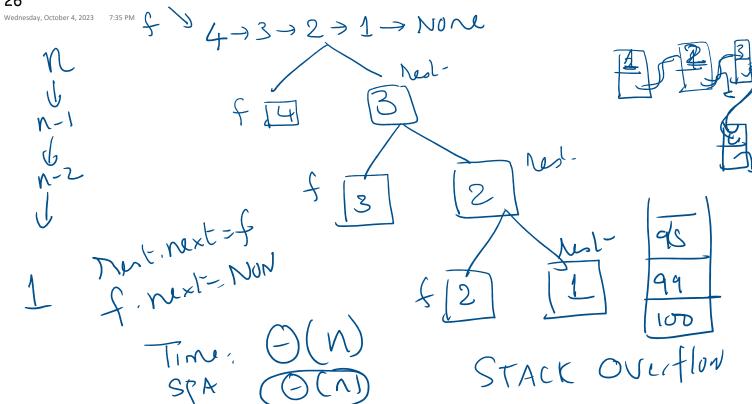


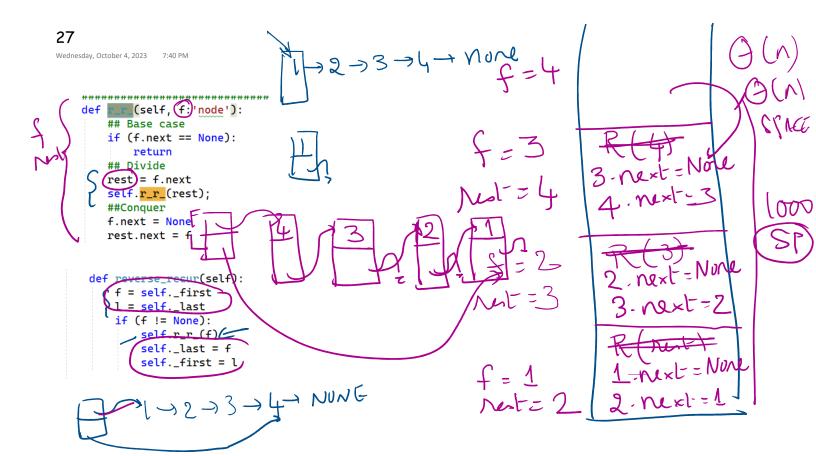


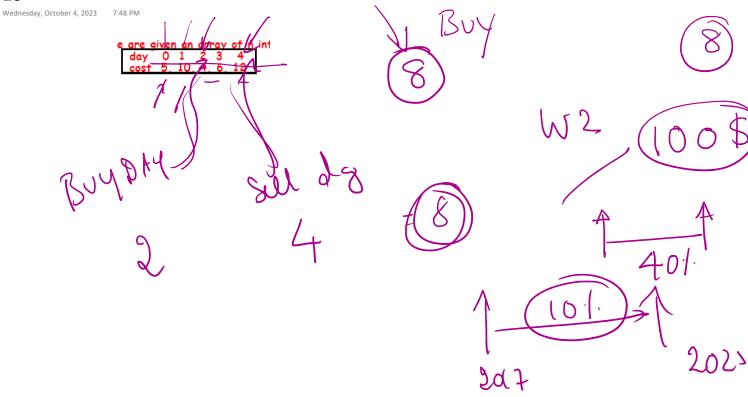


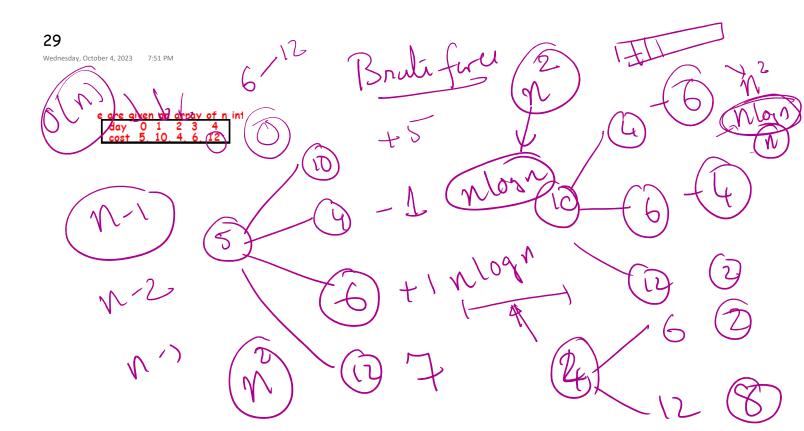
DividEl Cm











e are given an array of n int day 0 1 2 3 4 cost 5 10 4 6 12



Buy > Sul

