Feb12 DSA Day 7

February 12, 2021

```python
[7]: class Test:
         def __init__(self, x):
             self.a = x
         def fun(self, a):
             self.a = a
             print("hello", a)

     ob = Test('Troy')
     print(ob.a)
     ob.fun("Raj")
```

```
Troy
hello Raj
```

```python
[ ]: def countnodes(self):
         count = 0
         if self.head == None:
             print('List empty')
             return count
         temp = self.head
         while temp != None:
             count += 1
             temp = temp.next
         return count

     def displaymid(self):
         n = self.count()
         if self.head == None:
             print('List empty')
             return
         temp = self.head
         for i in range(1, n //2 + 1):
             temp = temp.next
         print(temp.data)
```