

ds-day-7-1-simple-linked-list

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1 in singly linked list

node = data + next

here, next means location of next element

2 in doubly linked list

node = previous + data + next

here, previous means location of previous element

next means location of next element

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[3]: class node:
      def __init__(self,data):
          self.data=data
          self.next=None      # initially NEXT is NONE
      class linkedlist:
          def __init__(self):
              self.head=None   # initially HEAD is ALSO None
          def printlist(self):
              temp=self.head
              while(temp):
                  print(temp.data,end=" ")
                  temp=temp.next
      l1=linkedlist()
      l1.head=node(1)
      second=node(2)
      third=node(3)
      l1.head.next=second
      second.next=third
      l1.printlist()
```

1 2 3

```
[ ]:
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