

Sub:

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Class Node:

```
def __init__(self, v, n):
```

```
    self.v = v
```

```
    self.n = n
```

Class LinkedList:

```
def __init__(self, a = None):
```

```
    self.head = None
```

```
    self.tail = None
```

```
if (type(a) is str):
```

```
    for i in a:
```

```
        np = Node(i, None)
```

```
        if (self.head == None):
```

```
            self.head = np
```

```
            self.tail = np
```

```
        else:
```

```
            tail.n = np
```

```
            tail = np
```

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```
def showlist(self):
```

```
    np = self.head
```

```
    while np is not None:
```

```
        if (np == None):
```

```
            print("Empty")
```

```
        else:
```

```
            print(np.d, end="→")
```

```
            np = np.n
```

```
def remove(self, key):
```

```
    if self.head == None:
```

```
        print("Empty")
```

```
    else:
```

```
        if key == 0:
```

```
            tp = self.head.n
```

```
            print("Deleted:", tp)
```

```
            self.head = self.head.n
```

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else:

np = self.head

i = 1

while (key - 1 >= i):

np = np.n

i += 1

print("Delete:", np.n.n)

np.n = np.n.n

def makehead(self, val):

i = 1

while (key - 1 >= i):

np = np.n

i += 1

self.head.n = np.n

self.head = np

name = input("Name: ")

sl = ~~Linked~~ List(name)

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for k in range(5) :

ing = input("Enter:").split(',')

if ing[0] == '1':

sl.remove(ing[1])

else:

sl.makehead(ing[1])

print(ing)

sl.showlist()