In [17]:
```
class Test:
    #default constructor
#     def __init__(self):
#         self.a = 5

    #parameterized constructor
    def __init__(self, x = 5):
        self.a = x

    def show(self):
        print("Method", self.a)


ob = Test(10)
ob1 = Test(20)
ob.show()
ob1.show()

ob2 = Test()
ob2.show()
```

```
Method 10
Method 20
Method 5
```

```
class Cab:
    fare = 25

    def __init__()

    id123 = Cab(fare)
```

Linked List

In [21]:
```
class Node:
    def __init__(self, data):
        self.data = data
        self.next = None

class LinkedList:
    def __init__(self):
        self.head = None
        self.tail = None
    def insert_beg(self, x):
        new = Node(x)

        if self.head == None:
            self.head = self.tail = new
            return
        new.next = self.head
        self.head = new

    def displayList(self):
        temp = self.head

        while temp != None:
            print('|',temp.data,'|', end = "->")
            temp = temp.next
        print('N')



li = LinkedList()
li.insert_beg(10)
li.insert_beg(20)
li.insert_beg(30)
li.insert_beg(40)

li.displayList()
```

```
| 40 |->| 30 |->| 20 |->| 10 |->N
```

In [ ]:
```

```