

INDEX 3

0, 1, 2

```

FOR O IN RANGE 3:
    JUMPER = JUMPER.NEAT
  
```

==

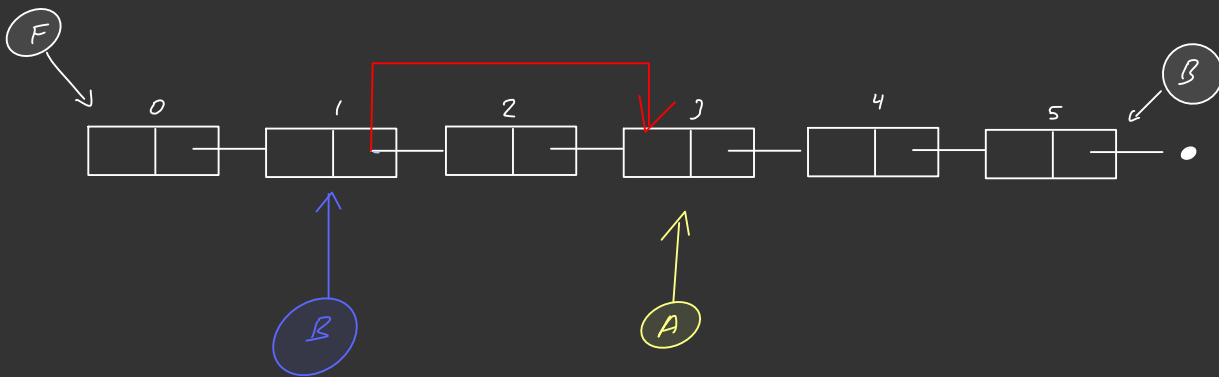
JUMPER = JUMPER.NEAT

JUMPER = JUMPER.NEAT

JUMPER = JUMPER.NEAT

LENGTH = 6

INDEX = 2



BEFORE = GETNODEAT (INDEX-1)

AFTER = GETNODEAT (INDEX+1)

BROWSER CLASS

MIMICS THE BEHAVIOR OF A WEBBROWSER'S FORWARD, BACK, AND ADDRESS BAR

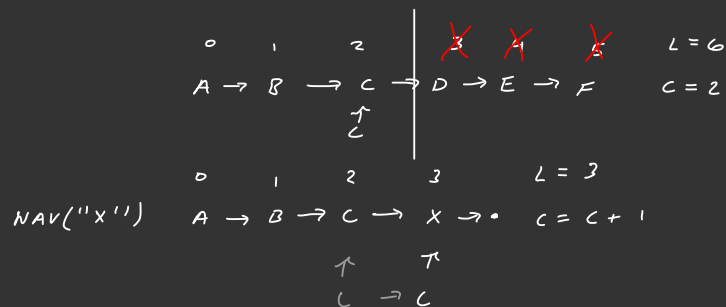
```
DEF __INIT__(SELF)
    SELF.HISTORY = LINKEDLIST()
    SELF.CURRENT = 0
```

ADDS A URL TO THE LINKEDLIST

CURRENT FOLLOWS THE INDEX POSITION OF THAT URL'S POSITION IN THE LINKED LIST

```
DEF NAVIGATE_TO(SELF, URL):
    IF SELF.HISTORY.IS_EMPTY():
        SELF.HISTORY.INSERT(SELF.HISTORY.0GET_LENGTH(), URL)
        SELF.CURRENT = SELF.HISTORY.GET_LENGTH() - 1
    ELIF (SELF.HISTORY.GET_LENGTH() - 1 == SELF.CURRENT):
        SELF.HISTORY.INSERT(SELF.HISTORY.GET_LENGTH() - 1, URL)
        SELF.CURRENT = SELF.HISTORY.GET_LENGTH() - 1
    ELSE:
        POSITION = SELF.CURRENT + 1
        FOR POSITION IN RANGE(SELF.HISTORY.GET_LENGTH()):
            SELF.HISTORY.REMOVE(POSITION)
```

2 REMOVE 3, 4, 5



```
DEF BACK(SELF):
    IF SELF.CURRENT == 0:
        PRINT(F"BACK | <== CURRENT = {SELF.CURRENT}")
    ELSE:
        SELF.CURRENT = SELF.CURRENT - 1
        PRINT(F"BACK | <== CURRENT = {SELF.CURRENT}")

DEF FORWARD(SELF):
    IF SELF.CURRENT == SELF.HISTORY.GET_LENGTH() - 1:
        PRINT(F"FORWARD <== CURRENT = {SELF.CURRENT}")
    ELSE:
        SELF.CURRENT = SELF.CURRENT + 1
        PRINT(F"FORWARD | <== CURRENT = {SELF.CURRENT}")
```