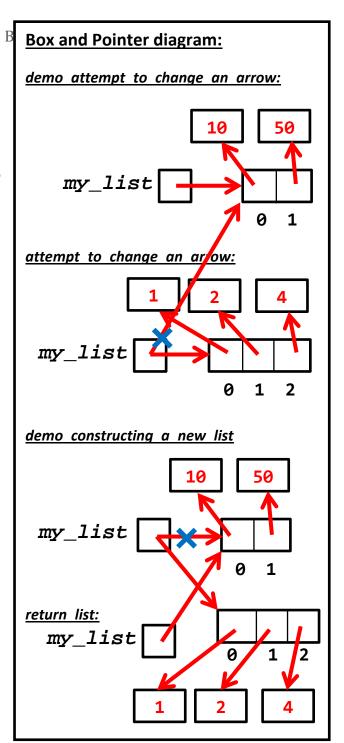
7. There is nothing special about using *numbers* in the preceding exercise. To see this, draw a Boxand-Pointer diagram that shows what happens when *main* (below) executes. Also show the output that is printed. (This example is similar to the previous one, but with *lists* instead of numbers.)

```
def main():
    demo_attempt_to_change_an_arrow()
    demo_constructing_a_new_list()
def demo_attempt_to_change_an_arrow():
    my list = [10, 50]
   attempt_to_change_an_arrow(my_list)
    print('B.', my list)
def attempt_to_change_an_arrow(my list):
    my list = [1, 2, 4]
    print('A.', my_list)
def demo_constructing_a_new_list():
    my_list = [10, 50]
    my_list = return_list(my_list)
    print('C.', my_list)
def return_list(my list):
    return [1, 2, 4]
```



Output: A. [1, 2, 4] B. [10, 50] C. [1, 2, 4]