p11.py - C:/Users/RVUW265/OneDrive/Desktop/p11.py (3.14.2)

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```
import sys
def list_operations():
 my_list = []
 while True:
    print("\nList Operations:")
    print("1. Insert an element")
    print("2. Delete an element")
    print("3. Find an element")
    print("4. Display list")
    print("5. Exit")

    choice = int(input("Enter your choice: "))

    if choice == 1:
        element = input("Enter element to insert: ")
        my_list.append(element)
        print(f"Element '{element}' inserted.")

    elif choice == 2:
        element = input("Enter element to delete: ")
        if element in my_list:
            my_list.remove(element)
            print(f"Element '{element}' deleted.")
        else:
            print("Element not found in the list.")

    elif choice == 3:
        element = input("Enter element to find: ")
        if element in my_list:
            print(f"Element '{element}' found at index {my_list.index(element)}.")
        else:
            print("Element not found in the list.")

    elif choice == 4:
        print("Current List:", my_list)

    elif choice == 5:
        print("Exiting program.")
        sys.exit()
        break
    else:
        print("Invalid choice! Please try again.")

list_operations()
```

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```
List Operations:
1. Insert an element
2. Delete an element
3. Find an element
4. Display list
5. Exit
Enter your choice: 1
Enter element to insert: 2
Element '2' inserted.

List Operations:
1. Insert an element
2. Delete an element
3. Find an element
4. Display list
5. Exit
Enter your choice: 2
Enter element to delete: 2
Element '2' deleted.

List Operations:
1. Insert an element
2. Delete an element
3. Find an element
4. Display list
5. Exit
Enter your choice: 3
Enter element to find: 2
Element not found in the list.

List Operations:
1. Insert an element
2. Delete an element
3. Find an element
4. Display list
5. Exit
Enter your choice: 4
Current List: []

List Operations:
1. Insert an element
2. Delete an element
3. Find an element
4. Display list
5. Exit
Enter your choice: 5
Exiting program.
>>>
```

IDLE Shell 3.14.2

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```
Python 3.14.2 (tags/v3.14.2:df79316, Dec  5 2025, 17:18:21) [MSC v.1944 64 bit (AMD64)] on wir
Enter "help" below or click "Help" above for more information.
>>> a={1,2,3,4,5,6,7}
>>> a[:]
Traceback (most recent call last):
  File "<pyshell#1>", line 1, in <module>
    a[:]
TypeError: 'set' object is not subscriptable
>>> a[1:5]
Traceback (most recent call last):
  File "<pyshell#2>", line 1, in <module>
    a[1:5]
TypeError: 'set' object is not subscriptable
>>> a=[1,2,3,4,5,6,7]
>>> a[:]
[1, 2, 3, 4, 5, 6, 7]
>>> a[1:5]
[2, 3, 4, 5]
>>> a[1:-5]
[2]
>>> a=[-5:1]
SyntaxError: invalid syntax
>>> a=[-1:5]
SyntaxError: invalid syntax
>>> a=[-1:-5]
SyntaxError: invalid syntax
>>> a[-1:-5:-1]
[7, 6, 5, 4]
>>>
```