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class ListManager:

    def __init__(self):
        # Initializes an empty list
        self.data = []

    def display_list(self):
        # Displays the current list
        if not self.data:
            print("The list is currently empty.")
        else:
            print("Current List: ", self.data)

    def add_element(self, element):
        # Adds an element to the end of the list
        self.data.append(element)
        print(f"Element '{element}' has been added to the list.")

    def remove_element(self, element):
        # Removes an element from the list (if exists)
        if element in self.data:
            self.data.remove(element)
            print(f"Element '{element}' has been removed from the list.")
        else:
            print(f"Element '{element}' not found in the list.")

    def update_element(self, old_element, new_element):
        # Updates an element in the list (replaces old with new)
        if old_element in self.data:
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        index = self.data.index(old_element)

        self.data[index] = new_element

        print(f"Element '{old_element}' has been updated to '{new_element}'.")
    else:
        print(f"Element '{old_element}' not found in the list.")

def clear_list(self):
    # Clears all elements from the list
    self.data.clear()

    print("All elements have been removed from the list.")

def main():
    list_manager = ListManager()

    while True:
        print("\nList Manager Menu:")
        print("1. View list")
        print("2. Add an element")
        print("3. Remove an element")
        print("4. Update an element")
        print("5. Clear the list")
        print("6. Exit")

        choice = input("Enter your choice (1-6): ")

        if choice == "1":
            list_manager.display_list()
        elif choice == "2":

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        element = input("Enter the element to add: ")
        list_manager.add_element(element)
    elif choice == "3":
        element = input("Enter the element to remove: ")
        list_manager.remove_element(element)
    elif choice == "4":
        old_element = input("Enter the element to update: ")
        new_element = input("Enter the new value: ")
        list_manager.update_element(old_element, new_element)
    elif choice == "5":
        list_manager.clear_list()
    elif choice == "6":
        print("Exiting the List Manager.")
        break
    else:
        print("Invalid choice. Please select a valid option.")

if __name__ == "__main__":
    main()
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