Program to count word frequencies in a given text

# step1:define functions

# Function to display the to-do list

def display\_list(todo\_list):

print("To-Do List:")

for i, task in enumerate(todo\_list, start=1):

print(f"{i}. {task}")

# Function to add a task to the to-do list

def add\_task(todo\_list, task):

todo\_list.append(task)

print(f"Task '{task}' added to the list.")

# Function to remove a task from the to-do list

def remove\_task(todo\_list, task\_index):

if 1 <= task\_index <= len(todo\_list):

removed\_task = todo\_list.pop(task\_index - 1)

print(f"Task '{removed\_task}' removed from the list.")

else:

print("Invalid task index. Please enter a valid task number.")

# Step 2: Implement the Main Function

def main():

todo\_list = []

while True:

# Display menu

print("\nMenu:")

print("1. Display To-Do List")

print("2. Add Task")

print("3. Remove Task")

print("4. Quit")

choice = input("Enter your choice (1/2/3/4): ")

if choice == '1':

display\_list(todo\_list)

elif choice == '2':

task = input("Enter the task: ")

add\_task(todo\_list, task)

elif choice == '3':

task\_index = int(input("Enter the task number to remove: "))

remove\_task(todo\_list, task\_index)

elif choice == '4':

print("Quitting the to-do list program.")

break

else:

print("Invalid choice. Please select a valid option (1/2/3/4).")

if \_\_name\_\_ == "\_\_main\_\_":

main()

there is no errors in the above program I will check the potential errors such as invalid input or empty list and test the program in various scenarios like add tasks, remove tasks and display the lists

I can run the program successfully and I got the output also