TASK:2

Write a program to count word frequencies in a given text

Mini Project: Develop a basic to-do list program using functions and data structures

add features like adding tasks in the to-do list, display the tasks and quitting the loop

Solution:

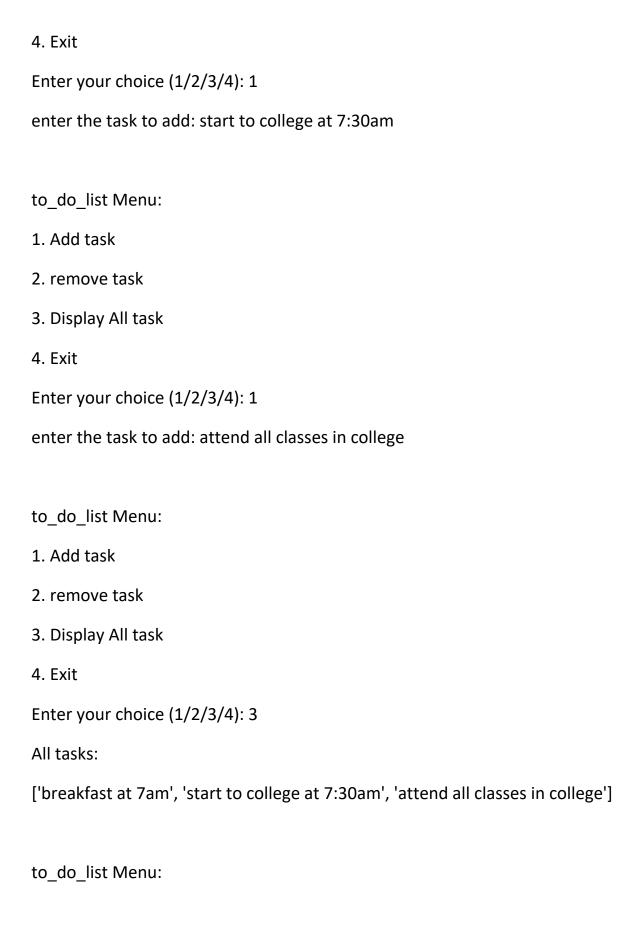
INPUT:

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def add_task(to_do_list):
     task=input("enter the task to add: ")
     to do list.append(task)
def remove task(to do list):
     task = input("Enter the task to remove: ")
     if task in to do list:
          to_do_list.pop(to_do_list.index(task))
     else:
          print(f"No task found for {task}.")
def display task(to do list):
     if len(to_do_list)==0:
          print("to do list is empty.")
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else:
          print("All tasks:")
          print(to_do_list)
def main():
     to_do_list = []
     while True:
          print("\nto_do_list Menu:")
          print("1. Add task")
          print("2. remove task")
          print("3. Display All task")
          print("4. Exit")
          choice = input("Enter your choice (1/2/3/4): ")
          if choice == '1':
               add_task(to_do_list)
          elif choice == '2':
               remove_task(to_do_list)
          elif choice == '3':
               display_task(to_do_list)
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elif choice == '4':
              print("Exiting the to do list. Goodbye!")
              break
          else:
              print("Invalid choice. Please enter a valid option.")
if _name_ == "_main_":
     main()
OUTPUT:
to_do_list Menu:
1. Add task
2. remove task
3. Display All task
4. Exit
Enter your choice (1/2/3/4): 1
enter the task to add: breakfast at 7am
to_do_list Menu:
1. Add task
2. remove task
```

3. Display All task



1. Add task 2. remove task 3. Display All task 4. Exit Enter your choice (1/2/3/4): 2 Enter the task to remove: breakfast at 7am to_do_list Menu: 1. Add task 2. remove task 3. Display All task 4. Exit Enter your choice (1/2/3/4): 3 All tasks: ['start to college at 7:30am', 'attend all classes in college'] to_do_list Menu: 1. Add task 2. remove task 3. Display All task 4. Exit Enter your choice (1/2/3/4): 4

Exiting the to do list. Goodbye!