1.To do list

SOURCE CODE :

class TaskManager:

def \_\_init\_\_(self):

self.tasks = []

def add\_task(self, task):

self.tasks.append(task)

print("Task '{}' added successfully!".format(task))

def complete\_task(self, task):

if task in self.tasks:

self.tasks.remove(task)

print("Task '{}' completed!".format(task))

else:

print("Task '{}' not found!".format(task))

def remove\_task(self, task):

if task in self.tasks:

self.tasks.remove(task)

print("Task '{}' removed successfully!".format(task))

else:

print("Task '{}' not found!".format(task))

def display\_tasks(self):

if self.tasks:

print("Tasks:")

for index, task in enumerate(self.tasks, start=1):

print("{}. {}".format(index, task))

else:

print("No tasks found!")

def main():

manager = TaskManager()

while True:

print("\nTask Manager")

print("1. Add Task")

print("2. Complete Task")

print("3. Remove Task")

print("4. Display Tasks")

print("5. Exit")

choice = input("Enter your choice: ")

if choice == '1':

task = input("Enter task: ")

manager.add\_task(task)

elif choice == '2':

task = input("Enter task to complete: ")

manager.complete\_task(task)

elif choice == '3':

task = input("Enter task to remove: ")

manager.remove\_task(task)

elif choice == '4':

manager.display\_tasks()

elif choice == '5':

print("Exiting...")

break

else:

print("Invalid choice! Please enter a number between 1 and 5.")

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

main()