

# MINI PROJECT

## BASIC TO-DO-LIST APP USING PYTHON

```
# Define an empty list to store tasks
tasks = []

# Function to display the to-do list
def display_tasks():
    if not tasks:
        print("No tasks in the to-do list.")
    else:
        print("To-Do List:")
        for index, task in enumerate(tasks, start=1):
            print(f'{index}. {task}')

# Function to add a task to the to-do list
def add_task(task):
    tasks.append(task)
    print(f'Task '{task}' added to the to-do list.")

# Function to delete a task from the to-do list
def delete_task(index):
    if 1 <= index <= len(tasks):
        delete_task = tasks.pop(index - 1)
        print(f'Task '{delete_task}' removed from the to-do list.")
    else:
        print("Invalid index. Please provide a valid index.")

# function to mark task as completed
def complete_task(index):
    if 1 <= index <= len(index):
        completed_task = tasks.pop(index-1)
        print(f'Task '{completed_task}' marked as completed.")
    else:
        print("Invalid index. please enter valid task.")

# Main function to run the to-do list app
def main():
    while True:
        print("\n1. Display To-Do List")
        print("2. Add Task")
        print("3. Delete task")
        print("4. complete task")
        print("5. Quit")
```

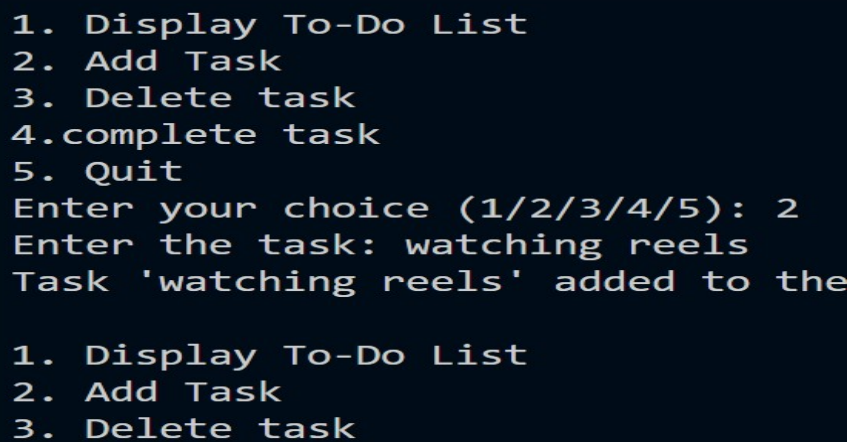
```
choice = input("Enter your choice (1/2/3/4): ")

if choice == '1':
    display_tasks()
elif choice == '2':
    task = input("Enter the task: ")
    add_task(task)
elif choice == '3':
    index = int(input("Enter the index of the task to remove: "))
    delete_task(index)
elif choice == '4':
    print("Exiting the to-do list app. Goodbye!")
    break
else:
    print("Invalid choice. Please enter a valid option.")

if __name__ == "__main__":
    main()
```

## OUTPUT:

### #Adding task



```
1. Display To-Do List
2. Add Task
3. Delete task
4. complete task
5. Quit
Enter your choice (1/2/3/4/5): 2
Enter the task: watching reels
Task 'watching reels' added to the

1. Display To-Do List
2. Add Task
3. Delete task
```

```
1. Display To-Do List
2. Add Task
3. Delete task
4.complete task
5. Quit
Enter your choice (1/2/3/4/5): 2
Enter the task: going to temple
Task 'going to temple' added to t

1. Display To-Do List
2. Add Task
3. Delete task
```

#Delete task and complete task

```
1. Display To-Do List
2. Add Task
3. Delete task
4.complete task
5. Quit
Enter your choice (1/2/3/4/5):
Enter the index of the task to
Task 'reading books' removed fr

1. Display To-Do List
2. Add Task
```