

## Python Programming

~~~~~

### Tutorial - 5

~~~~~

#### 1. Simple TO-DO List Management System

Coding  
~~~~~

tasks = []

def add\_task():

task = input("Enter the task:").strip()

if task and task not in tasks:

tasks.append(task)

~~print(f"Task is either empty or already exists")~~

Print(f"Task '{task}' added successfully!")

else:

Point("Task is either empty or already exists!")

def remove\_task():

If tasks:

view\_tasks()

try:

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

If 0 <= index < len(tasks):

removed = tasks.pop(index)

Print(f"Task '{removed}' removed successfully!")

else

Point("In valid task number!")

except ValueError:

Print("Please enter a valid number!")

else:

Point("No task to remove!")

```
def view_tasks():
    if tasks:
        print("In Pending Tasks:")
        for i, task in enumerate(tasks, start=1):
            print(f'{i} {task}')
    else:
        print("In No tasks to display!")

def main():
    while True:
        print("In Options:")
        print("1. Add Task")
        print("2. Remove Task")
        print("4. Exit")
        choice = input("Enter your choice:").strip()
        if choice == '1':
            add_task()
        elif choice == '2':
            remove_task()
        elif choice == '3':
            view_task()
        elif choice == '4':
            print("Good bye!")
            break
        else:
            print("Invalid choice! Enter a valid option!")

main()
```

## Output

Options :

1. Add Task
2. Remove Task
3. View Task
4. Exit

Enter your choice : 1

Enter the task : read books

Task 'read books' added successfully !

Options :

1. Add Task
2. Remove Task
3. View Task
4. Remove Task

Enter your choice : 1

Enter the task : coding

Task 'coding' added successfully

options :

1. Add\_Task
2. Remove\_Task
3. View\_Task
4. Exit

Enter your choice : 3

Pending Tasks :

1. read books
2. coding

Options :

1. Add\_Task
2. Remove\_Task
3. View\_Task

Enter your choice : 3

Pending Tasks :

1. read books