Multi-Tasking

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Outline

- Process
- Thread

Process



Process

- A process is basically a program in execution.
- subprocess is used for calling other program.
- Example

```
import subprocess
note = subprocess.Popen('notepad.exe')
print('info of note process:', note)
```

Thread



Threading

- Also called lightweight process.
- Multithreading decrease computational time of program.
- Syntax Example:

Threading

Example

```
import threading, time
   print('Program Starts:')
   def takeNap():
6 

→ time.sleep(5)
   ---*print('wake up!')
9
   thread_Obj = threading.Thread(target=takeNap)
10
   thread_Obj.start()
11
12
13 print('Programs End..')
```

```
Program Starts:
Programs End..
wake up!
```