Multithreading

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HW

1. Write a python program
   - menu
1. Show content of given folder
2. Remove a file
3. Remove a folder
4. Rename a file
5. See contents of a particular file
6. Quit

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Process = Program in execution

Thread = Path of execution of a program
     Path = sequence in which the instructions will run
F1(){..
}

F2(){
….
}
………….
…
F30(){
…
}

 main()
{
      F1();
      F2();
      F22();
      F5();
}

MAIN Thread is the default thread !!

PYTHON also has a main thread ---
    py file code sequence is TREATED As PATH of main thread!!!

Why do we more than main thread ?
 -------- to execute instructions simultaneously in ROUND ROBIN

_____SINGLE THREAD --------------------
TASK - Sequence
    job1
    job2
    job3

Single Thread

CPU	Job1	Job1	Job1	Job1 end	Job2 start	Job2	Job2 end	Job3 start	Job3..

When will job2 start ?When all instructions of job1 are COMPLETED
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TASK1 -- Thread1			TASK2 ---Thread2
Job1			Job2
			Job3

Multithreading

CPU	Job1	Job2	Job1	Job2	Job1	Job2 end	Job1	Job3 start	Job1

Thread 1 and Thread 2 are parallel by time slicing

MULTITHREADING --- Job2 NEED not wait for Job1 to complete !!!

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