OS [Lec-3]

Multithreading :-

Thread ?

Process ?

Code → Prime no. Code → c++

.txt → .cpp

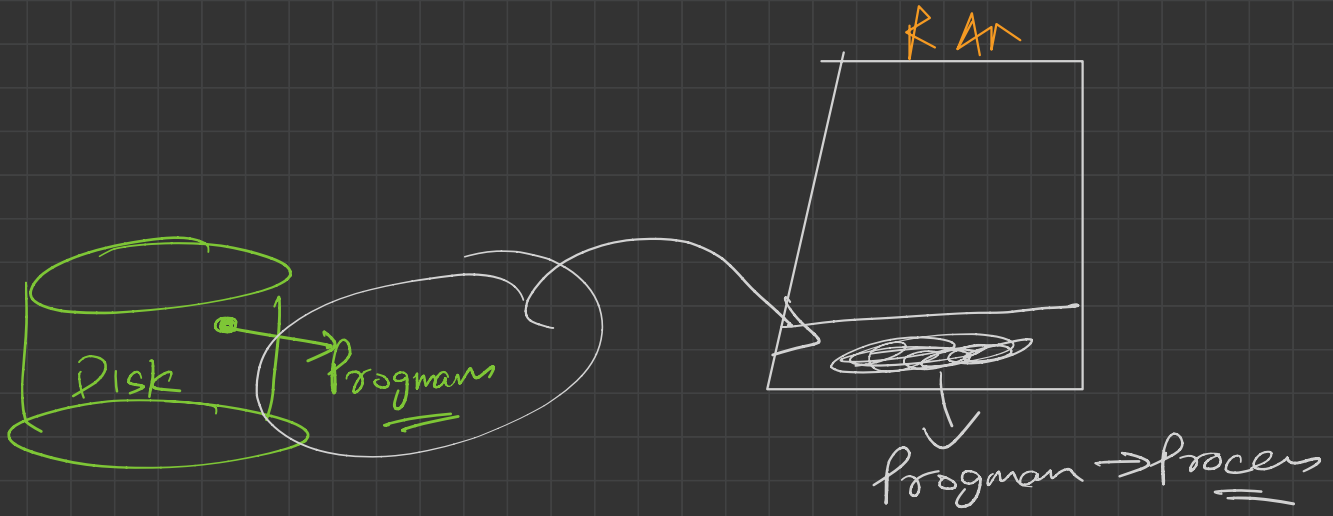
Compile

Executable

.exe → windows

exe → double click → Process

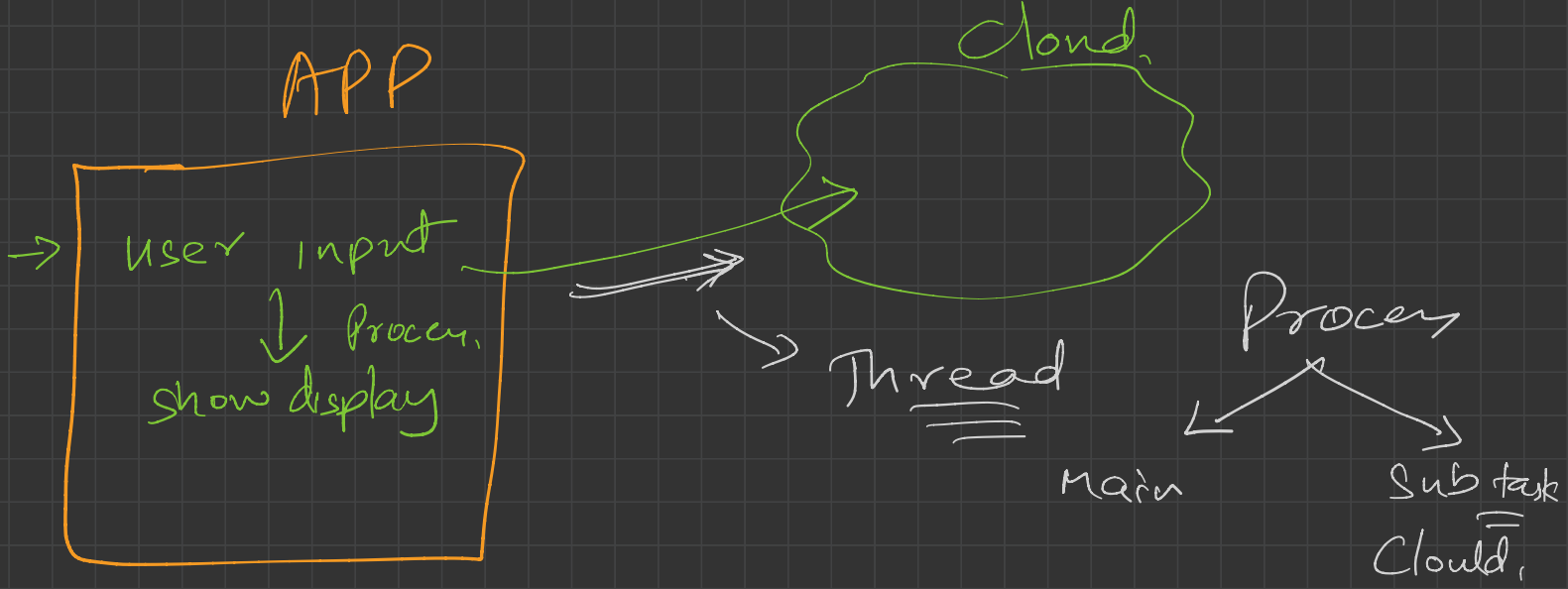
Process → Program under execution



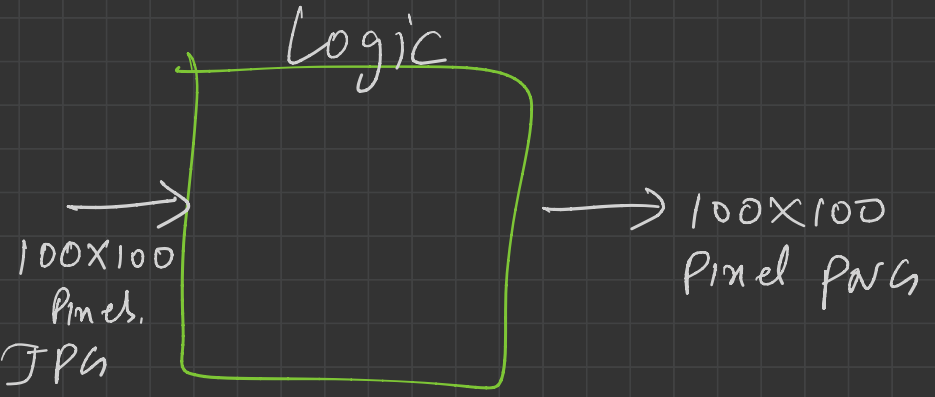
Thread → Light weight process.

→ Indendepently executes!

→

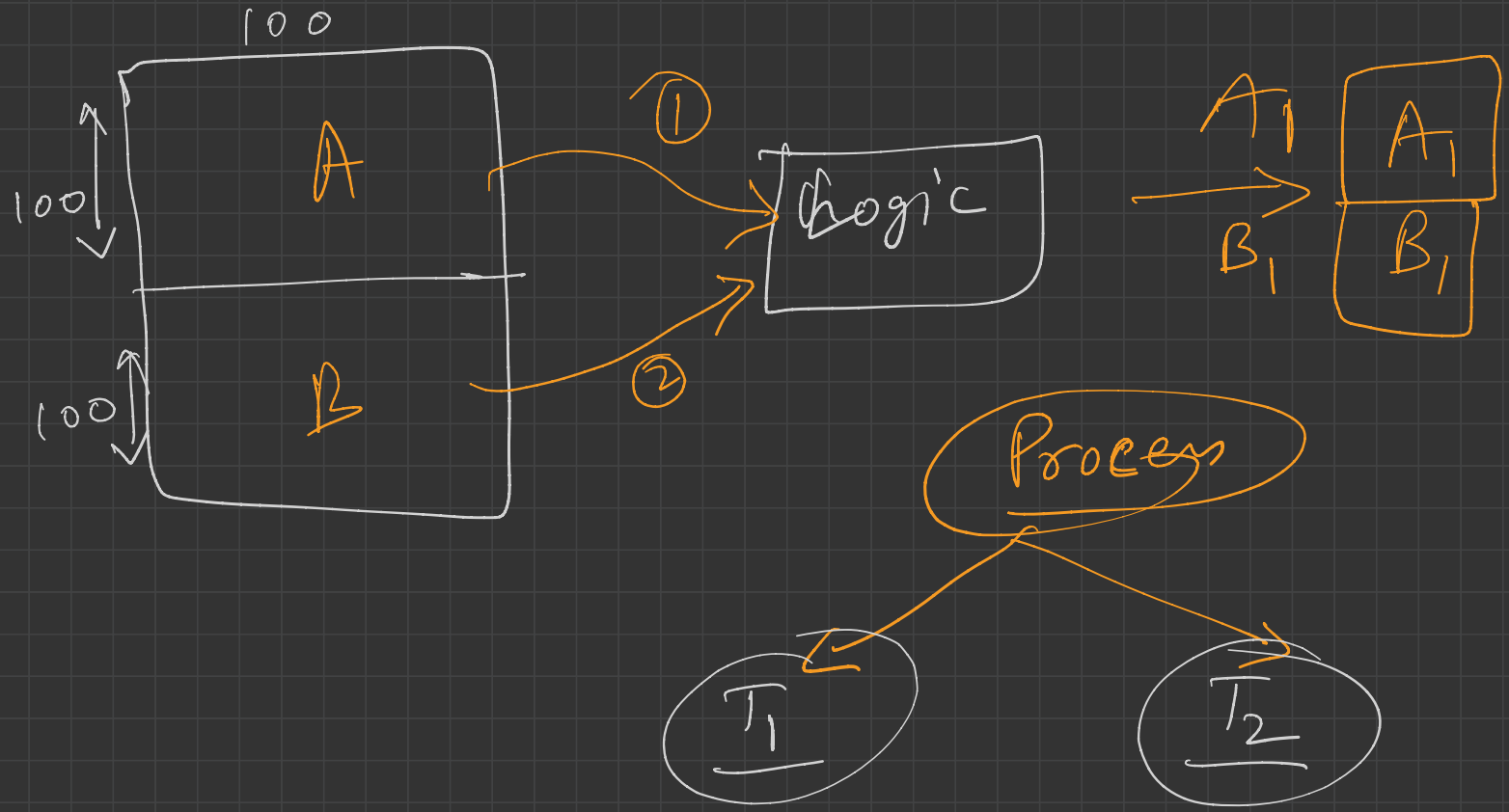


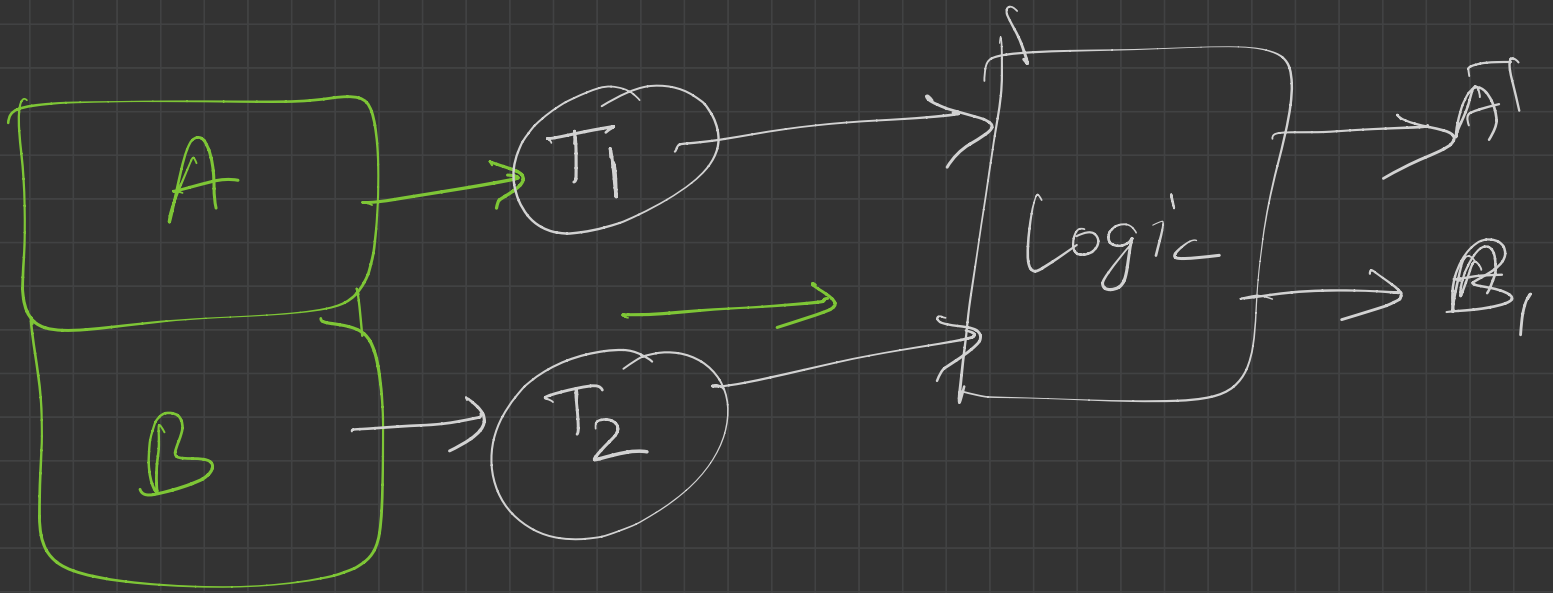
Example JPG → PNG

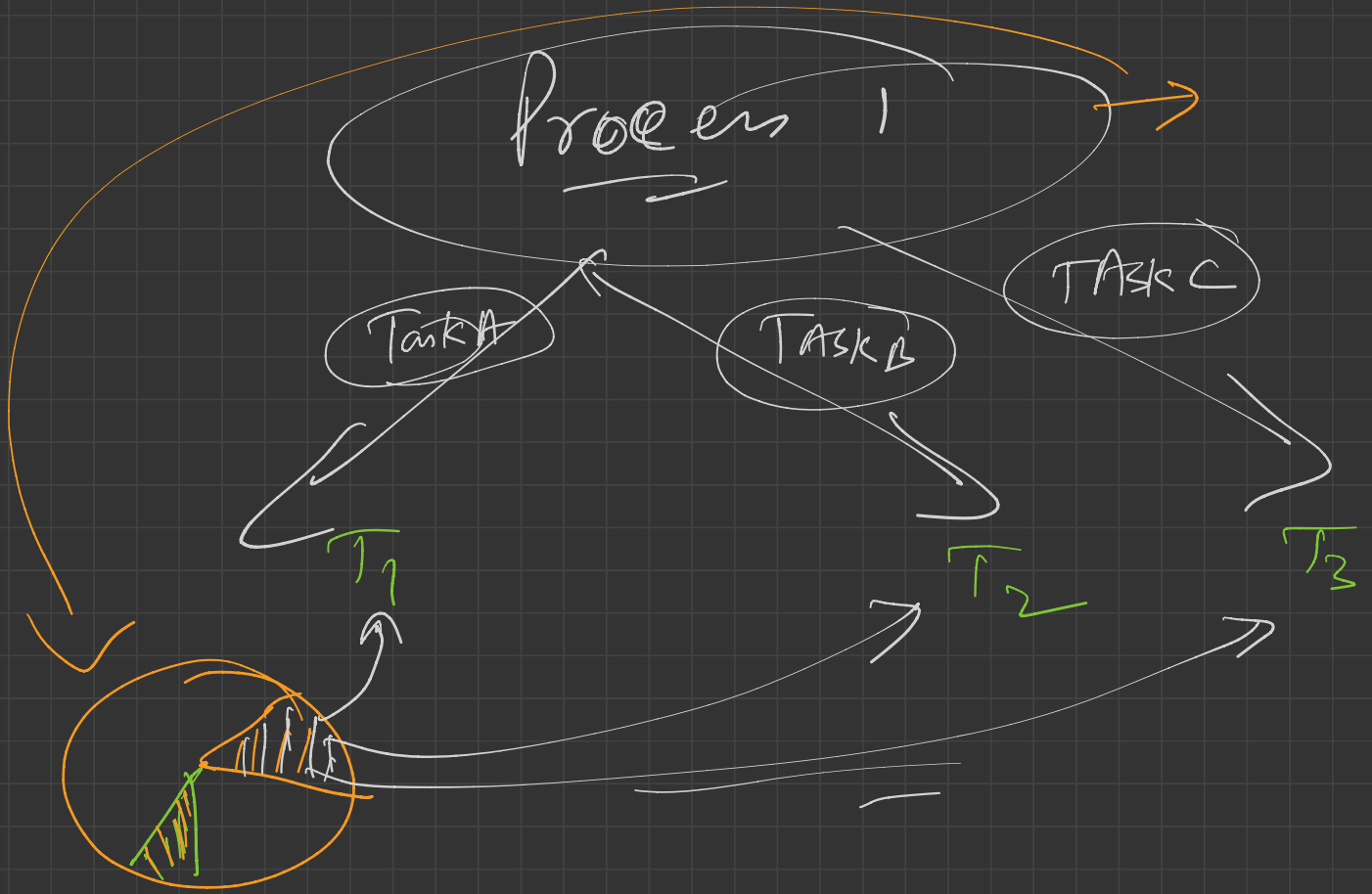


→ Input → Image File. 100 X 200
W H

① Sequentially

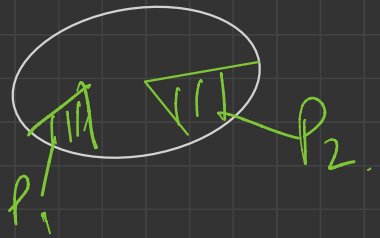

100
A
100
B
100
①
②
Logic
A_1
B_1
A_1
B_1
Process
T_1
T_2


A
B
T1
T2
Logic
A1
B1


Process 1
Task A
Task B
Task C
T1
T2
T3

Multi tasking

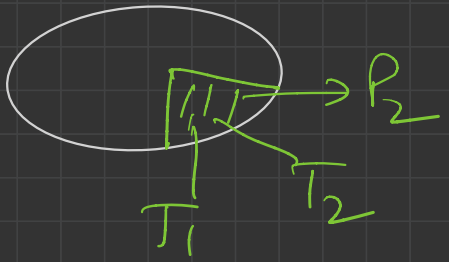
1. More than 1 Process Concept
2. Isolation & Memory protection



3. Process schedule.

Multi threading

1. More than 1 threads.
2. Not isolation & Memory protection.



3. Threads schedule.