

Assignment 10

1. [2pts] List four of the components of the OS's kernel.
2. [2pts] What is PCB?
3. [2pts] (True or False) The process is the activity of executing the program under the control of the OS, the process state can be transferred from *ready* to *wait*. Run
4. [2pts] (True or False) One of the necessary conditions for deadlock occurrence is circular waiting, it required all processes and resources involved to form a loop (waiting cycle). 0
5. [2pts] If each time slice in a multi-programming system is 100 milliseconds and each context switch requires at most one ^{10⁻⁶} microsecond, how many processes can the machine service at most in a single second?

1. Memory manager, File manager.

Device drivers, Scheduler and dispatcher

2. The data structure used by the operating system to manage information about a process

3. False.

4. True.

5. 9 processes.