

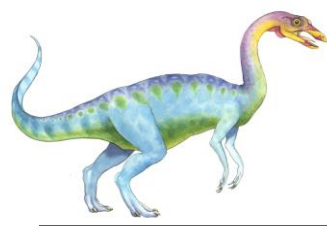
Process Control Block (PCB)

Each process is represented in the OS by PCB

Information associated with each process

- ❑ Process state
- ❑ Program counter
- ❑ CPU registers
- ❑ CPU scheduling information (process priority, pointers to scheduling queues, and any other scheduling parameters)
- ❑ Memory-management information (value of the base and limit registers, the page tables, or the segment tables)
- ❑ Accounting information (amount of CPU and real time used, time limits, job or process numbers)
- ❑ I/O status information (list of I/O devices allocated to the process, a list of open files)





Process Control Block (PCB)

process state
process number
program counter
registers
memory limits
list of open files
...





CPU Switch From Process to Process

