

1 Process

Vocabularies

1. Process

- Is a program in execution

2. Running Program

- Is a collection of coded software instructions that can be executed by a computer to perform a specific task

3. Time Sharing

- Is a basic technique used by an OS to share a resource
- Allows an entity to use the resource for a little while, and then a little while by another, and so forth

Example

CPU

4. Space Sharing

- Is where a resource (space) is divided among those who wishes to use it

Example

Disk, and Memory

5. Mechanism

- Is a low-level method or protocol that implement a needed piece of functionality.

Example

Context Switching

6. Policy

- Is an algorithm for making some kinds of decision within the OS

Example

Scheduling Policy. That is, what kind of program should the OS run?

7. Address Space

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8. Program Counter**9. Stack Pointer****10. Frame Pointer****11. Program Stack****12. Program Heap****13. File Descriptors****14. Persistence****15. Process States****16. Process List****17. Context Switch****18. Process Control Block****19. Zombie State**