

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 is a time-shared resource.

4. Space Sharing

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

Example

Disk, and memory are space-shared resource

5. Mechanism

6. Policy

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

Example

scheduling policy - What kind of program should the OS run?

7. Program Counter

8. Stack Pointer

9. Frame Pointer

- 10. **Program Stack**
- 11. **Program Heap**
- 12. **File Descriptors**
- 13. **Persistence**
- 14. **Process States**
- 15. **Process List**
- 16. **Context Switch**
- 17. **Process Control Block**
- 18. **Zombie State**