

Homework 1

Est. Length: 3:00:00

Sharar Mahmood: Attempt 1



Page 1:

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|---------|---------|---------|
| 1 ✓ | 2 ✓ | 3 ✓ |
| 4 ✓ | 5 ✓ | 6 ✓ |
| 7 ✓ | 8 ✓ | 9 ✓ |
| 10 ✓ | 11 ✓ | 12 ✓ |
| 13 ✓ | 14 ✓ | 15 ✓ |

Question 23 (1 point) ✓ Saved

Linux starts from an initial process with PID 1. It forks child processes, child processes fork child processes. This parent and child relation form a tree, called

process tree

Question 24 (1 point) ✓ Saved

Which Register in CPU holds the address of the next instruction to be executed?

Program Counter (PC)

Question 25 (1 point) ✓ Saved

Process switch (process context switch) allocates the CPU from one process to another. It includes two portions: CPU context and

Storage context

Part IV. Answer all of the following questions.