

Homework 1

Est. Length: 3:00:00

Sharar Mahmood: Attempt 1



Page 1:

1 ✓	2 ✓	3 ✓
4 ✓	5 ✓	6 ✓
7 ✓	8 ✓	9 ✓
10 ✓	11 ✓	12 ✓
13 ✓	14 ✓	15 ✓
16 ✓	17 ✓	18 ✓

Question 34 (2 points) ✓ Saved

What is orphan process?

If a parent process did not invoke `wait()` and instead terminated, it causes its child process to turn into orphan processes. Linux and UNIX address this scenario by assigning the `init` process as the new parent to orphan processes. The orphan processes still execute although their parent has terminated.

Question 35 (4 points) ✓ Saved

Describe the similarities and differences of doing a context switch between two processes as compared to doing a context switch between two threads in the same process.