

OS Kernel Project

Tuesday, 26 April, 2022



01) Kernel Heap - kmalloc()

Note

Ahmed



02) Kernel Heap - kfree()

Note

Ahmed



03) Kernel Heap - kheap_virtual_address()

Note

Abdulrahman



04) Kernel Heap - kheap_physical_address()

Note

Abdulrahman



05) Kernel Dynamic Allocation - create_page_table()

Note

Nouran



06) PAGE FAULT HANDLER

Note

Ahmed & Yossef



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07) CPU Scheduling MLFQ - Initialize MLFQ

Note

Amany



08) CPU Scheduling MLFQ - MLFQ Scheduler

Note

Amany



09) User Heap malloc() - User Side

Note

Nouran



10) User Heap - allocateMem() [Kernel Side]

Note

Yossef



11) User Heap free() - User Side

Note

Amany & Nouran



12) User Heap - freeMem() [Kernel Side]

Note

Yossef



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13) Bonus(2) - Exit [env_free()]

Note

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