Starvation and Aging

Presented By: Muaaz Shoaib (Fa20-Bcs-074)

Starvation

Process	Burst Time	Priority
Viva of Muaaz	10	20 - Low
Viva of Ahmed	5	1 - High
Viva of Naqeeb	2	5
Viva of Naseem	15	2

Starvation

- Indefinite Blocking

- A process which is ready to run can wait indefinitely because of low priority

- High priority processes prevent a low priority process from ever getting the CPU

Aging

Process	Burst Time	Priority
Viva of Muaaz	10	20 - Low
Viva of Ahmed	5	1 - High
Viva of Naqeeb	2	5
Viva of Naseem	15	2

- In order to complete the viva of Muaaz we need to increase the priority.

Aging

- Method to ensure that processes with lower priority will eventually complete their execution

- By gradually increasing the priority of processes that wait in the system for long time

Thank You