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Clock: 0

CPU:

-> Status: IDLE

-> Process: None

Ready processes queue:

-> Process: None

Blocked processes:

-> Process: None

Events:

The next process will be created in 0

CPU is IDLE!

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Clock: 1

CPU:

-> Status: BUSY

-> Process: [ID: 1, Life Time:10/20, Next IO: 1/4, IO: 2/3, Status: running, Quantum: 3]

Ready processes queue:

-> Process: None

Blocked processes:

-> Process: None

Events:

The next process will be created in 2

CPU is IDLE!

Process 1 was created.

Process 1 was assigned to CPU.

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Clock: 2

CPU:

-> Status: BUSY

-> Process: [ID: 1, Life Time:9/20, Next IO: 0/4, IO: 2/3, Status: running, Quantum: 2]

Ready processes queue:

-> Process: None

Blocked processes:

-> Process: None

Events:

The next process will be created in 1

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Clock: 3

CPU:

-> Status: BUSY

-> Process: [ID: 2, Life Time:9/20, Next IO: 1/4, IO: 3/3, Status: running, Quantum: 3]

Ready processes queue:

-> Process: None

Blocked processes:

-> Process: [ID: 1, Life Time:9/20, Next IO: 0/4, IO: 2/1, Status: blocked, Quantum: 2]

Events:

The next process will be created in 2

Status of process 1 is BLOCKED.

Process 2 was created.

Process 2 was assigned to CPU.

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Clock: 4

CPU:

-> Status: BUSY

-> Process: [ID: 2, Life Time:8/20, Next IO: 0/4, IO: 3/3, Status: running, Quantum: 2]

Ready processes queue:

-> Process: None

Blocked processes:

-> Process: [ID: 1, Life Time:9/20, Next IO: 0/4, IO: 1/1, Status: blocked, Quantum: 2]

Events:

The next process will be created in 1

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Clock: 5

CPU:

-> Status: BUSY

-> Process: [ID: 3, Life Time:9/20, Next IO: 1/4, IO: 1/3, Status: running, Quantum: 3]

Ready processes queue:

-> Process: None

Blocked processes:

-> Process: [ID: 1, Life Time:9/20, Next IO: 0/4, IO: 0/1, Status: blocked, Quantum: 2]

-> Process: [ID: 2, Life Time:8/20, Next IO: 0/4, IO: 3/1, Status: blocked, Quantum: 2]

Events:

The next process will be created in 2

Status of process 2 is BLOCKED.

Process 3 was created.

Process 3 was assigned to CPU.