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C:\Users\ASUS\.jdk\openjdk-14.0.2\bin\java.exe "-
javaagent:D:\Applications\Programming\IntelliJ IDEA
2020.1.3\lib\idea_rt.jar=1260:D:\Applications\Programming\IntelliJ IDEA
2020.1.3\bin" -Dfile.encoding=UTF-8 -classpath "D:\College\Classes And
Terms\1400-1\Operating
Systems\final_project\out\production\final_project" ir.ac.kntu.Timing
*****+< elapsedTime : 0 >+*****
CPU{Cores=[Core{coreNum=0, isBusy=false, pid=-1}, Core{coreNum=1,
isBusy=false, pid=-1}, Core{coreNum=2, isBusy=false, pid=-1},
Core{coreNum=3, isBusy=false, pid=-1}, Core{coreNum=4, isBusy=false,
pid=-1}], numCores=5, numFreeCores=5, numBusyCores=0}
[Process{pid=48, arrivalTime=2, CPUBurst=7, coreNeeded=1, startTime=-1,
isRunning=false, isReady=false, isDone=false}
, Process{pid=5, arrivalTime=2, CPUBurst=5, coreNeeded=2, startTime=-1,
isRunning=false, isReady=false, isDone=false}
, Process{pid=37, arrivalTime=4, CPUBurst=8, coreNeeded=4, startTime=-1,
isRunning=false, isReady=false, isDone=false}
, Process{pid=46, arrivalTime=8, CPUBurst=6, coreNeeded=4, startTime=-1,
isRunning=false, isReady=false, isDone=false}
]
*****+< elapsedTime : 5 >+*****
CPU{Cores=[Core{coreNum=0, isBusy=true, pid=48}, Core{coreNum=1,
isBusy=true, pid=5}, Core{coreNum=2, isBusy=true, pid=5}, Core{coreNum=3,
isBusy=false, pid=-1}, Core{coreNum=4, isBusy=false, pid=-1}],
numCores=5, numFreeCores=2, numBusyCores=3}
[Process{pid=48, arrivalTime=2, CPUBurst=7, coreNeeded=1, startTime=2,
isRunning=true, isReady=false, isDone=false}
, Process{pid=5, arrivalTime=2, CPUBurst=5, coreNeeded=2, startTime=2,
isRunning=true, isReady=false, isDone=false}
, Process{pid=37, arrivalTime=4, CPUBurst=8, coreNeeded=4, startTime=-1,
isRunning=false, isReady=true, isDone=false}
, Process{pid=46, arrivalTime=8, CPUBurst=6, coreNeeded=4, startTime=-1,
isRunning=false, isReady=false, isDone=false}
]
*****+< elapsedTime : 11 >+*****
CPU{Cores=[Core{coreNum=0, isBusy=false, pid=-1}, Core{coreNum=1,
isBusy=true, pid=37}, Core{coreNum=2, isBusy=true, pid=37},
Core{coreNum=3, isBusy=true, pid=37}, Core{coreNum=4, isBusy=true,
pid=37}], numCores=5, numFreeCores=1, numBusyCores=4}
[Process{pid=48, arrivalTime=2, CPUBurst=7, coreNeeded=1, startTime=2,
isRunning=false, isReady=false, isDone=true}
, Process{pid=5, arrivalTime=2, CPUBurst=5, coreNeeded=2, startTime=2,
isRunning=false, isReady=false, isDone=true}
, Process{pid=37, arrivalTime=4, CPUBurst=8, coreNeeded=4, startTime=7,
isRunning=true, isReady=false, isDone=false}
, Process{pid=46, arrivalTime=8, CPUBurst=6, coreNeeded=4, startTime=-1,
isRunning=false, isReady=true, isDone=false}
]
*****+< elapsedTime : 17 >+*****
CPU{Cores=[Core{coreNum=0, isBusy=true, pid=46}, Core{coreNum=1,
isBusy=true, pid=46}, Core{coreNum=2, isBusy=true, pid=46},
Core{coreNum=3, isBusy=true, pid=46}, Core{coreNum=4, isBusy=false, pid=-
1}], numCores=5, numFreeCores=1, numBusyCores=4}

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[Process{pid=48, arrivalTime=2, CPUBurst=7, coreNeeded=1, startTime=2,
isRunning=false, isReady=false, isDone=true}
, Process{pid=5, arrivalTime=2, CPUBurst=5, coreNeeded=2, startTime=2,
isRunning=false, isReady=false, isDone=true}
, Process{pid=37, arrivalTime=4, CPUBurst=8, coreNeeded=4, startTime=7,
isRunning=false, isReady=false, isDone=true}
, Process{pid=46, arrivalTime=8, CPUBurst=6, coreNeeded=4, startTime=15,
isRunning=true, isReady=false, isDone=false}
]
*****+< elapsedTime : 22 >+*****
CPU{Cores=[Core{coreNum=0, isBusy=false, pid=-1}, Core{coreNum=1,
isBusy=false, pid=-1}, Core{coreNum=2, isBusy=false, pid=-1},
Core{coreNum=3, isBusy=false, pid=-1}, Core{coreNum=4, isBusy=false,
pid=-1}], numCores=5, numFreeCores=5, numBusyCores=0}
[Process{pid=48, arrivalTime=2, CPUBurst=7, coreNeeded=1, startTime=2,
isRunning=false, isReady=false, isDone=true}
, Process{pid=5, arrivalTime=2, CPUBurst=5, coreNeeded=2, startTime=2,
isRunning=false, isReady=false, isDone=true}
, Process{pid=37, arrivalTime=4, CPUBurst=8, coreNeeded=4, startTime=7,
isRunning=false, isReady=false, isDone=true}
, Process{pid=46, arrivalTime=8, CPUBurst=6, coreNeeded=4, startTime=15,
isRunning=false, isReady=false, isDone=true}
]

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Process finished with exit code 0