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Sistemas Operativos, Grupo: 06

Tarea 2: Comparación de Planificadores

Tarea realizada con lenguaje de programación Python.

Esquema Visual

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Nancy@LAPTOP-4FNH4KRA MINGW64 /sistop-2025-1/tareas/2/BohorquezNancy (tarea2)
$ python3 Tarea2.py

Ronda 1
A: 0, t=9 B: 0, t=1 C: 0, t=12 D: 4, t=9 E: 10, t=1
(tot:32)
FCFS: T = 18.00 E = 11.60 P = 7.57
ABCACDACDACDEACDACDACDACDCDCDC
RR1: T = 18.00 E = 11.60 P = 7.57
ABCACDACDACDEACDACDACDACDCDCDC
RR4: T = 18.00 E = 11.60 P = 7.57
AAAABCCCCDDDDDEAAAACCCDDDDACCCCD
SPN: T = 17.60 E = 11.20 P = 2.08
BEADC
MFQ: T = 16.40 E = 10.00 P = 5.79
BACAADCCDDEAAAACCCDDDDAACCCDDC

Ronda 2
A: 0, t=4 B: 3, t=1 C: 3, t=15 D: 14, t=3 E: 15, t=13
(tot:36)
FCFS: T = 10.60 E = 3.40 P = 1.75
AAABCACCCCCCDECECECECECECECECE
RR1: T = 10.60 E = 3.40 P = 1.75
AAABCACCCCCCDECECECECECECECECE
RR4: T = 10.60 E = 3.40 P = 1.75
AAAABCCCCCCCCCDDDEEECCCECECECE
SPN: T = 17.40 E = 10.20 P = 1.76
BDAEC
MFQ: T = 10.60 E = 3.40 P = 1.75
AAABCCCACCCCCCDEDEECCCECECECECE

Ronda 3
A: 0, t=5 B: 3, t=9 C: 5, t=5 D: 8, t=2 E: 8, t=2
(tot:23)
FCFS: T = 11.60 E = 7.00 P = 3.80
AAABABCABCDEBCDEBCBCBBB
RR1: T = 11.60 E = 7.00 P = 3.80
AAABABCABCDEBCDEBCBCBBB
RR4: T = 11.60 E = 7.00 P = 3.80
AAAABBBBCCCCDDEEABBBBCB
SPN: T = 10.40 E = 5.80 P = 1.38
DEACB
MFQ: T = 11.60 E = 7.00 P = 3.80
AAABBBCCCEDEAABBBBCCBB
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Ronda 4
A: 0, t=2 B: 0, t=4 C: 0, t=13 D: 4, t=13 E: 13, t=10
(tot:42)
FCFS: T = 16.80 E = 8.40 P = 1.80
ABCABCDDBCDBCDECDECDECDECDECDECDECDECDECDED
RR1: T = 16.80 E = 8.40 P = 1.80
ABCABCDDBCDBCDECDECDECDECDECDECDECDECDECDED
RR4: T = 16.80 E = 8.40 P = 1.80
AABBBBCCCCDDDDDEEEECDDDDDEEEECDDDDDEECD
SPN: T = 19.80 E = 11.40 P = 1.95
ABECD
MFQ: T = 16.80 E = 8.40 P = 1.80
ABCADBCCDDDBCCCEEEEDDDDCCEEEEDDDDCCEEEEDD
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Ronda 5
A: 0, t=13 B: 8, t=12 C: 15, t=2 D: 16, t=1 E: 16, t=15
(tot:43)
FCFS: T = 16.20 E = 7.60 P = 4.44
AAAAAAAAABABABABCDEABCEABEBEBEBEBEBEBEBEEEEEE
RR1: T = 16.20 E = 7.60 P = 4.44
AAAAAAAAABABABABCDEABCEABEBEBEBEBEBEBEBEEEEEE
RR4: T = 16.20 E = 7.60 P = 4.44
AAAAAAAAABBBBAAAABBBBCCDEEEEAABBBBEEEEEEEEEEEE
SPN: T = 18.20 E = 9.60 P = -1.26
DCBAE
MFQ: T = 16.20 E = 7.60 P = 4.44
AAAAAAAAAABBBBAACDECEEBBBBBEEEEBBBBBEEEEBEEEE
```

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Nancy@LAPTOP-4FNH4KRA MINGW64 /sistop-2025-1/tareas/2/BohorquezNancy (tarea2)
$
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