Ordonnancement des processus

# Exercice 1

|  | FIFO | | | SJF | | | Prioruties | | | Round-robin | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Métrique | DR | TR | TA | DR | TR | TA | DR | TR | TA | DR | TR | TA |
| A | 10 | 0 | 0 | 30 | 20 | 20 | 16 | 6 | 6 | 30 | 0 | 20 |
| B | 16 | 10 | 10 | 12 | 6 | 6 | 30 | 24 | 24 | 22 | 2 | 16 |
| C | 18 | 16 | 16 | 2 | 0 | 0 | 6 | 4 | 4 | 6 | 4 | 4 |
| D | 22 | 18 | 18 | 6 | 2 | 2 | 4 | 0 | 0 | 16 | 6 | 12 |
| E | 30 | 22 | 22 | 20 | 12 | 12 | 24 | 16 | 16 | 28 | 8 | 20 |
| Moy | 19,2 | 13,2 | 13,2 | 14 | 8 | 8 | 16 | 10 | 10 | 20,4 | 4 | 14,4 |

# Exercice 2

# Exercice 3

P(60)

A SCHED\_RR 4

B SCHED\_FIFO 3

C SCHED\_RR 2

D SCHED\_FIFO 1

E SCHED\_RR 2

P(30)

1 D

2 C E

3 B

4 A

P(60) - D(70) - C(10) - E(10) - C(10) - E(10) - C(10) E(10) - C(10) - B(90) - A(10) - A(10) - A(10) - B(10) - A(10) - A(10) - A(10) - A(10) - A(10) - A(10) - A(10) - C(30) - P(30)

# Exercice 4

| -16 | C |
| --- | --- |
| -4 | B |
| 0 | A |
| 4 | D |

SP=nice+120

timeslice=(140-SP) (\*20 si SP<120 / \*5 sinon)

DP = SP-bonus+5

bonus = temps\_IE /100