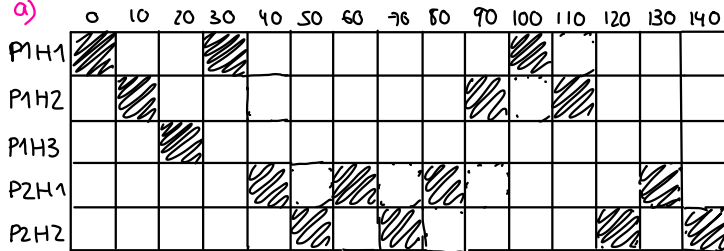


Ejercicio 15

a)

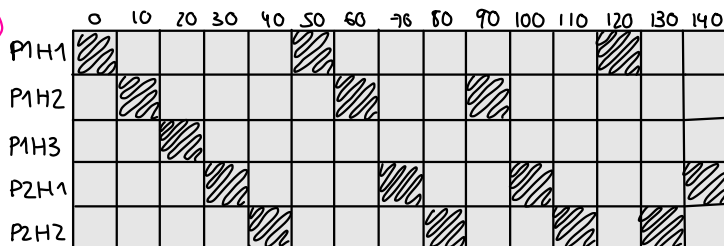


T=0 ~~P1H1~~ P1H2 P1H3 T=8 ~~P2H1~~ P1H2 P1H1 P2H2
 T=1 ~~P1H2~~ P1H3 P1H1 T=9 ~~P1H2~~ P1H1 P2H2
 T=2 ~~P1H3~~ P1H1 P1H2 T=10 ~~P1H1~~ P1H2
 T=3 ~~P1H1~~ P1H2 T=11 ~~P1H2~~
 T=4 ~~P2H1~~ P2H2 BLOQUEO T=12 ~~P2H2~~ P2H1
 T=5 ~~P2H2~~ P2H1 BLOQUEO T=13 ~~P2H1~~ P2H2
 T=6 ~~P2H1~~ P2H2 BLOQUEO T=14 P2H2
 T=7 ~~P2H2~~ P2H1 P1H2 P1H1

Grado de ocupación: $\frac{\text{tiempo CPU ocupada}}{\text{tiempo total}}$

$$\hookrightarrow 150/150 = 1 \Rightarrow 100\%$$

b)



T=0 ~~P1H1~~ P1H2 P1H3 P2H1 P2H2 T=8 ~~P2H2~~ P1H2 P2H1 P1H1 (bloqueo)
 T=1 ~~P1H2~~ P1H3 P2H1 P2H2 P1H1 T=9 ~~P1H2~~ P2H1 P2H2 P1H1
 T=2 ~~P1H3~~ P2H1 P2H2 P1H1 P1H2 T=10 ~~P2H1~~ P2H2 P1H1
 T=3 ~~P2H1~~ P2H2 P1H1 P1H2 T=11 ~~P2H2~~ P1H1 P2H1 (bloqueo)
 T=4 ~~P2H2~~ P1H1 P1H2 P2H1 T=12 ~~P1H1~~ P2H2 P2H1 (bloqueo)
 T=5 ~~P1H1~~ P1H2 P2H1 P2H2 T=13 ~~P2H2~~ P2H1 (bloqueo)
 T=6 ~~P1H2~~ P2H1 P2H2 P1H1 (bloqueo) T=14 P2H1
 T=7 ~~P2H1~~ P2H2 P1H2 P1H1 (bloqueo)

Grado de ocupación: $\frac{\text{tiempo CPU ocupada}}{\text{tiempo total}}$

$$\hookrightarrow 150/150 = 1 \Rightarrow 100\%$$