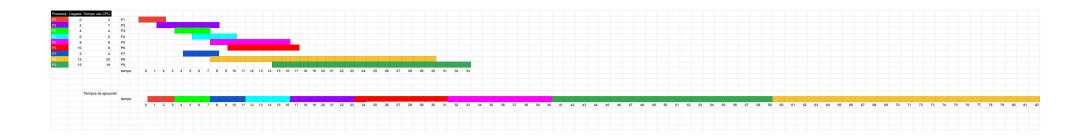
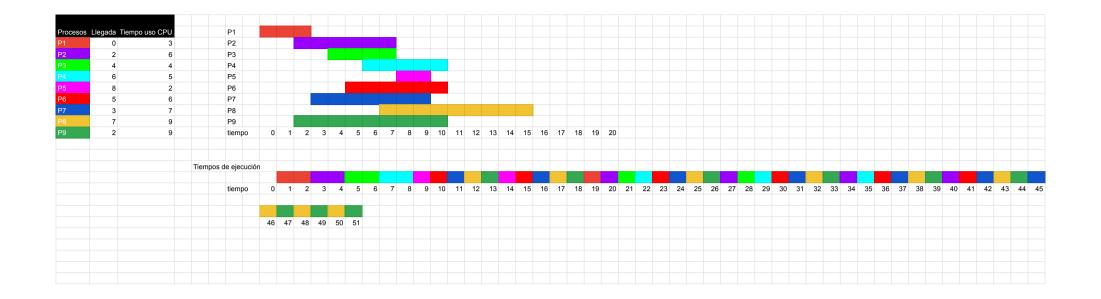
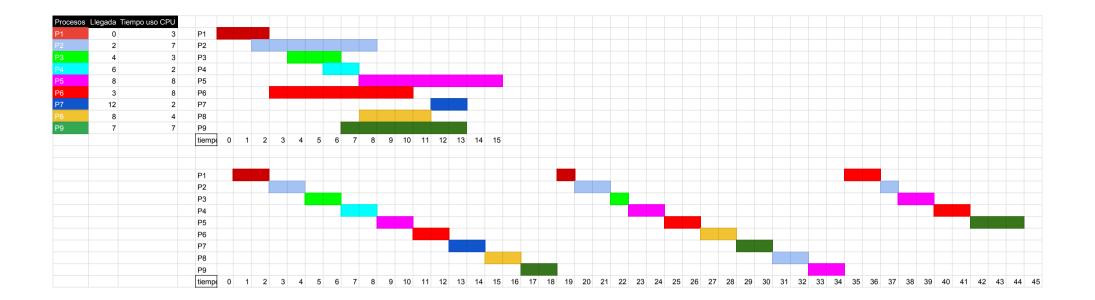
| Procesos |    | Tiempo uso CPU | Tiempo de ejecución |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    | -     | -       |
|----------|----|----------------|---------------------|-----|---|-----|---|-----|----------|---------|----------|-------|----------|-------|---------|----------|-------|--------------|----------|---------|----------|-------|-------|---------|---------------|-------|----------|-------|----------|---------|---------|----|-------|----------|-------|----|-------|---------|
| P1       | 0  | 4              | P1                  |     |   |     |   |     | $\vdash$ | $\perp$ | $\vdash$ | _     | $\vdash$ | _     | $\perp$ | $\vdash$ | _     |              | $\vdash$ | $\perp$ | $\vdash$ |       |       | +       | $\rightarrow$ | _     | $\vdash$ | _     | $\vdash$ | $\perp$ |         | _  | _     | $\vdash$ | _     |    | _     | +       |
| P2       | 2  |                | P2                  |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              | $\vdash$ | _       |          |       |       | $\perp$ | $\rightarrow$ |       |          |       |          |         | $\perp$ |    |       |          |       |    |       | $\perp$ |
| P3       | 4  |                | P3                  |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       | $\perp$ |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
| P4       | 6  | 10             | P4                  |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       | $\perp$ |
| P5       | 8  |                | P5                  |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       | $\perp$ |
| P6       | 7  | 7              | P6                  |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
| P7       | 9  | 4              | P7                  |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
| P8       | 3  | 8              | P8                  |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
| P9       | 12 | 2              | P9                  |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       | $\Box$  |
|          |    |                | Cola final          |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                | Tiempo              | 0 1 | 2 | 3 4 | 5 | 6 7 | 8        | 9 10    | 11       | 12 13 | 14       | 15 16 | 6 17    | 18       | 19 20 | 21 22        | 23       | 24 25   | 26       | 27 28 | 29 30 | 31      | 32 33         | 34 35 | 36       | 37 38 | 39       | 40 4    | 1 42    | 43 | 44 45 | 46       | 47 48 | 49 | 50 5: | 1 52    |
|          |    |                |                     |     |   |     |   |     |          | -       |          |       |          |       |         | -        |       |              |          |         |          |       |       |         |               |       |          |       |          | -       |         |    |       | -        |       |    | -     | -       |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          | Proc  | x Llega Tien | 1        |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          | P1    | 0 4          |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          | P2    | 2 6          |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    | Procesos       |                     |     |   |     |   |     |          |         |          |       |          |       |         |          | P3    | 4 7          |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    | P1             |                     |     |   |     |   |     |          |         |          |       |          |       |         |          | P4    | 6 10         |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    | P2             |                     |     |   |     |   |     |          |         |          |       |          |       |         |          | P5    | 8 3          |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    | P3             |                     |     |   |     |   |     |          |         |          |       |          |       |         |          | P6    | 7 7          |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    | P4             |                     |     |   |     |   |     |          |         |          |       |          |       |         |          | P7    | 9 4          |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    | P5             |                     |     |   |     |   |     |          |         |          |       |          |       |         |          | P8    | 3 8          |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    | P6             |                     |     |   |     |   |     |          |         |          |       |          |       |         |          | P9    |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    | P7             |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    | P8             |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    | P9             |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |
|          |    |                |                     |     |   |     |   |     |          |         |          |       |          |       |         |          |       |              |          |         |          |       |       |         |               |       |          |       |          |         |         |    |       |          |       |    |       |         |



| Procesos | Llegada | Tiempo uso | CPU |      |    |   |     |   |   |     |   |     |      |    |    |    |      |      |    |      |       |    |    |      |       |      |    |      |       |    |      |      |    |      |      |    |      |      |    |      |      |    |       |       |
|----------|---------|------------|-----|------|----|---|-----|---|---|-----|---|-----|------|----|----|----|------|------|----|------|-------|----|----|------|-------|------|----|------|-------|----|------|------|----|------|------|----|------|------|----|------|------|----|-------|-------|
| P1       | 0       | )          | 3   | P1   |    |   |     |   |   |     |   |     |      |    |    |    |      |      |    |      |       |    |    |      |       |      |    |      |       |    |      |      |    |      |      |    |      |      |    |      |      |    |       |       |
| P2       | 2       |            | 6   | P2   |    |   |     |   |   |     |   |     |      |    |    |    |      |      |    |      |       |    |    |      |       |      |    |      |       |    |      |      |    |      |      |    |      |      |    |      |      |    |       |       |
| P3       | 4       |            | 4   | P3   |    |   |     |   |   |     |   |     |      |    |    |    |      |      |    |      |       |    |    |      |       |      |    |      |       |    |      |      |    |      |      |    |      |      |    |      |      |    |       |       |
| P4       | 6       |            | 5   | P4   |    |   |     |   |   |     |   |     |      |    |    |    |      |      |    |      |       |    |    |      |       |      |    |      |       |    |      |      |    |      |      |    |      |      |    |      |      |    |       |       |
| P5       | 8       |            | 2   | P5   |    |   |     |   |   |     |   |     |      |    |    |    |      |      |    |      |       |    |    |      |       |      |    |      |       |    |      |      |    |      |      |    |      |      |    |      |      |    |       |       |
| P6       | 5       |            | 6   | P6   |    |   |     |   |   |     |   |     |      |    |    |    |      |      |    |      |       |    |    |      |       |      |    |      |       |    |      |      |    |      |      |    |      |      |    |      |      |    |       |       |
| P7       | 3       |            | 7   | P7   |    |   |     |   |   |     |   |     |      |    |    |    |      |      |    |      |       |    |    |      |       |      |    |      |       |    |      |      |    |      |      |    |      |      |    |      |      |    |       |       |
| P8       | 7       |            | 9   | P8   |    |   |     |   |   |     |   |     |      |    |    |    |      |      |    |      |       |    |    |      |       |      |    |      |       |    |      |      |    |      |      |    |      |      |    |      |      |    |       |       |
| P9       | 2       |            | 9   | P9   |    |   |     |   |   |     |   |     |      |    |    |    |      |      |    |      |       |    |    |      |       |      |    |      |       |    |      |      |    |      |      |    |      |      |    |      |      |    |       |       |
|          |         |            |     |      |    |   |     |   |   |     |   |     |      |    |    |    |      |      |    |      |       |    |    |      |       |      |    |      |       |    |      |      |    |      |      |    |      |      |    |      |      |    |       |       |
|          |         |            |     |      |    |   |     |   |   |     |   |     |      |    |    |    |      |      |    |      |       |    |    |      |       |      |    |      |       |    |      |      |    |      |      |    |      |      |    |      |      |    |       |       |
|          |         |            |     | tiem | ро | 0 | 1 2 | 3 | 4 | 5 6 | 7 | 8 ! | 9 10 | 11 | 12 | 13 | 14 1 | 5 16 | 17 | 18 1 | 19 20 | 21 | 22 | 23 2 | 24 25 | 5 26 | 27 | 28 2 | 29 30 | 31 | 32 3 | 3 34 | 35 | 36 3 | 7 38 | 39 | 40 4 | 1 42 | 43 | 44 4 | 5 46 | 47 | 48 49 | 50 51 |





| os        | Llegada Tien | npo     |     |          |     |     |             |    |       |          |    |      |      |          |    |     |    |      |      |      |       |     |     |         |     |     |       |      |          |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|-----------|--------------|---------|-----|----------|-----|-----|-------------|----|-------|----------|----|------|------|----------|----|-----|----|------|------|------|-------|-----|-----|---------|-----|-----|-------|------|----------|-----|-----|----------|----------|----------|----|----------|----------|----------|----|----|----|----------|------|-----|------|--------|------|----|----|----|----|----|--------|----------|----------|----|----|----------|----------|----------|-----|-----|--------|----|----|----------|----|----------|-----|---|----|
|           | 0            | 3       |     |          |     |     |             |    |       |          |    |      |      |          |    |     |    |      |      |      |       |     |     |         |     |     |       |      |          |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           | 2            | 4       |     |          |     |     |             |    |       |          |    |      |      |          |    |     |    |      |      |      |       |     |     |         |     |     |       |      |          |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           | 6            | 5       |     |          |     |     |             |    |       |          |    |      |      |          |    |     |    |      |      |      |       |     |     |         |     |     |       |      |          |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           | 8            | 2       |     |          |     |     |             |    |       |          |    |      |      |          |    |     |    |      |      |      |       |     |     |         |     |     |       |      |          |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           | 5<br>12 2    | 4       |     |          |     |     |             |    |       |          |    |      |      |          |    |     |    |      |      |      |       |     |     |         |     |     |       |      |          |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           | 15 1         | 19      |     |          |     |     |             |    |       |          |    |      |      |          |    |     |    |      |      |      |       |     |     |         |     |     |       |      |          |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           | 10           | 8       |     |          |     |     |             |    |       |          |    |      |      |          |    |     |    |      |      |      |       |     |     |         |     |     |       |      |          |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           |              |         |     |          |     |     |             |    |       |          |    |      |      |          |    |     |    |      |      |      |       |     |     |         |     |     |       |      |          |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           | 0            | 1 2     | 2 4 | 5        | 2 7 | 8 0 | 10          | 11 | 12 12 | 14       | 16 | 16 1 | 7 10 | 10       | 20 | 21  | 22 | 22 2 | 24 5 | 26 2 | 16 2  | 7 2 | 0 2 | 0 2     | 0 2 | 1 2 | 12 33 | 2 24 | 26       |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           | Ů            | 1 2     | J 7 | 3        | 1   | ,   | 1 10        |    | 12 1  | 1 17     | 13 | 10 1 | 1 10 | 10       | 20 | -1  |    | 23 2 |      | 20 2 | .0  2 | 1 - | 0 2 | 0 3     | 7   | 1 3 | 3.    | , ,, | 33       |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           |              |         |     |          |     |     |             |    |       |          |    |      |      |          |    |     | 1  |      |      |      | T     | T   | T   | T       | I   | T   |       |      |          |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           |              |         |     |          |     |     | Н           |    |       | $\vdash$ | -  |      | +    | $\vdash$ |    | +   | +  | +    | +    | +    | +     | +   | +   | +       | +   | +   | +     |      | -        | -   |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           |              | ++      | _   |          |     |     |             | _  |       | +        | +  | -    | +    | $\vdash$ | -  | +   | +  | +    | +    | +    | +     | +   | +   | +       | +   | +   | +     |      | $\vdash$ | H   |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           |              |         |     |          |     |     |             |    |       |          |    |      |      |          |    |     |    |      |      |      |       |     |     |         |     |     |       |      |          |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           |              |         |     |          |     |     | $\Box$      |    |       |          |    |      |      |          |    | 4   | _  | 1    | 1    |      |       |     |     |         |     |     |       |      |          |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           |              | ++      |     |          |     |     |             |    |       |          | _  |      |      |          |    | _   | -  | +    | +    |      | +     | +   | +   | +       | +   | +   | _     |      | -        |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           |              |         |     |          | _   | _   | -           |    |       | _        |    |      | _    | $\vdash$ | _  | +   | _  | +    | +    | +    | +     | +   | +   | +       | +   | +   |       |      | _        |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     |   |    |
|           |              |         |     |          |     |     |             |    |       |          |    |      |      |          |    |     |    |      |      |      |       |     |     |         |     |     |       |      |          |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          | 1   |   |    |
| ejecución | 0            | 1 2     | 3 4 | 5        | 6 7 | 8 9 | 10          | 11 | 12 13 | 14       | 15 | 16 1 | 7 18 | 19       | 20 | 21  | 22 | 24 2 | 25 2 | 26 2 | 7 2   | 8 2 | 9 3 | 0 3     | 1 3 | 2 3 | 34    | 35   | 36       | 37  | 38  | 39       | 40       | 41       | 42 | 43       | 44       | 45       | 46 | 47 | 48 | 49       | 9 50 | 0 5 | 51 5 | 52 5   | 53 : | 54 | 55 | 56 | 57 | 58 | 59     | 60       | 61       | 62 | 63 | 64       | 65       | 66       | 6   | 7 6 | 8 6    | 69 | 70 | 71       | 72 | 73       | 3   | - | _7 |
|           |              |         |     |          |     |     | +           |    |       | +        | -  |      | +    | $\vdash$ | -  | +   | +  | +    | +    | +    | +     | +   | +   | +       | +   | +   | +     |      |          | _   |     | $\dashv$ | $\dashv$ | -        | +  | $\dashv$ | $\dashv$ | $\dashv$ | -  | _  |    | +        | +    | +   | +    | +      | +    | +  | +  | +  | +  | +  | +      | $\dashv$ | $\dashv$ | -  |    | $\vdash$ | $\vdash$ | $\vdash$ | +   | +   | +      | +  | +  | $\dashv$ | _  | $\vdash$ | +   | - | -  |
|           |              |         |     |          |     |     |             |    |       |          |    |      |      |          |    |     |    |      |      |      |       |     |     |         |     |     |       |      |          |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      | $\top$ |      |    |    |    |    |    | $\top$ |          |          |    |    |          |          |          |     |     | $^{+}$ |    |    |          |    |          | 1   |   |    |
|           |              |         |     |          | П   | T   | П           |    |       |          |    | T    |      |          |    | T   | Ŧ  | T    | I    | I    | T     | F   |     | $\perp$ |     | F   |       |      |          |     |     |          | _        | I        | I  | 7        | 7        |          | _  |    |    |          |      |     | I    | T      | T    | T  | T  | T  | Ŧ  | T  | Ţ      | I        | _        | _  |    |          |          |          | Г   | F   | T      | Ŧ  | Ŧ  | _        |    |          | Į   |   |    |
|           |              | +       |     | $\vdash$ | ++  | -   | +           | +  | -     | +        | -  |      |      |          |    | -   | +  | +    | +    | +    | +     | +   | +   | +       | +   | +   | +     | 1    | -        |     |     | $\vdash$ | $\dashv$ | $\dashv$ | +  | $\dashv$ | +        | $\dashv$ | -  | -  |    | $\vdash$ | +    | +   | +    | +      | +    | +  | +  | +  | +  | +  | +      | +        | $\dashv$ | -  |    | $\vdash$ |          | -        | +   | +   | +      | +  | +  | $\dashv$ |    | $\vdash$ | +   | - | _  |
|           |              | +       |     |          | +   |     | +           | _  | _     | +        | _  | _    | +    |          |    |     |    |      |      | +    | +     | +   | +   | +       | +   | +   | +     |      | +        |     |     |          |          |          | +  | $\dashv$ | $\dashv$ | $\dashv$ | _  |    |    | $\vdash$ | +    | +   | +    | +      | +    | +  | +  | +  | +  | +  | +      | $\dashv$ | $\dashv$ | _  |    | $\vdash$ | $\vdash$ | +        | +   | +   | +      | +  | +  | $\dashv$ |    |          | +   |   | -  |
|           |              |         |     |          |     |     |             |    |       |          |    |      |      |          |    |     |    |      |      |      |       |     |     |         |     |     |       |      |          |     |     |          |          |          |    |          |          |          |    |    |    |          |      |     |      |        |      |    |    |    |    |    |        |          |          |    |    |          |          |          |     |     |        |    |    |          |    |          |     | Ī | J  |
|           |              | $\perp$ |     | 1 T      |     |     | $I \perp I$ | T  |       | 1 T      | Т  |      | 1    | ΙТ       | -T | - T |    | Г    |      |      |       | 1   | 1   |         |     |     |       |      | 1        | 1 - | 1 7 |          | Т        |          | Т  |          |          |          |    |    |    |          | _    | 1   | 1    |        |      |    |    |    |    |    |        | Т        |          |    |    |          |          |          | 1 - | 1 - |        |    |    |          |    | I —      | - [ |   |    |

|                  | iempo uso CPU |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
|------------------|---------------|---------------------|-----------------|----------------------|------------------|------------------|-------------------|-----------------|----------------|-------------|---------------|-------------|-------------|------------|---------------|-------------|--------------|-------------|-------------|--------------|------------|---------------|---------------|------------------|----------------|-----------------|-----------------|----------------|---------------|-----------------|-----------------|----------------|-----------------|----------------|-------------------|------------------|------------------|---------------------------|
| Procesos Liegada | 25 P          | P1                  |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
| P2 2             | 18 R          | P2                  |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
| P2 4             | 28 P          | Pa Pa               |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
| Pe 6             | 16 P          | Pel                 |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
| 100              | 10 P          | P6                  |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
| 00 5             | 1 0           | PE                  |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
| 12               | 23 9          | PB                  |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
| P9 15            | 19 P          | Pg                  |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
|                  | 9             | P9<br>Sam 0 1 2 3 4 | 4 5 6 7 8 9 10  | 11 12 13 14 15 16 17 | 18 19 20 21 22 2 | 13 24 25 26 27 2 | 19 29 30 31 32 33 | 13 34 35 36     |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
|                  |               |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
|                  | D1            |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
|                  | P2            |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
|                  | P2            |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
|                  | Pé            |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
|                  | P6            |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
|                  |               |                     |                 |                      |                  |                  |                   |                 |                |             |               | -           | _           |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 | _              |                   |                  |                  |                           |
|                  | P7            |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                | _               |                |                   | _                |                  |                           |
|                  | PR            |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 | _              |                   |                  |                  |                           |
|                  | Semp          | 0 1 2 3 4 5         | 6 6 7 8 9 10 11 | 12 13 14 15 16 17 18 | 19 20 21 22 23 3 | 14 25 26 27 28 2 | 19 30 31 32 33 34 | H 35 36 37 38 3 | 39 40 41 42 43 | 66 65 66 67 | 48 49 50 51 5 | 52 53 54 55 | 56 57 58 59 | 60 61 62 6 | 83 64 65 66 1 | 67 68 69 70 | 0 71 72 73 7 | 14 76 76 77 | 79 79 80 81 | 2 83 84 85 8 | 87 88 89 1 | 90 91 92 93 9 | 4 95 96 97 98 | 99 100 101 102 1 | 03 104 105 106 | 107 108 109 110 | 111 112 113 114 | 115 116 117 11 | 8 119 120 121 | 122 123 124 125 | 126 127 128 129 | 130 131 132 13 | 9 134 135 136 1 | 07 138 139 139 | 140 141 142 143 1 | 66 165 166 167 5 | 48 149 150 151 1 | 152 153 154 155 156 157 1 |
|                  |               |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
|                  |               |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
|                  |               |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
|                  |               |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
|                  |               |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
|                  |               |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
|                  |               |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |
|                  |               |                     |                 |                      |                  |                  |                   |                 |                |             |               |             |             |            |               |             |              |             |             |              |            |               |               |                  |                |                 |                 |                |               |                 |                 |                |                 |                |                   |                  |                  |                           |