

Sergio De Luca ejer hoja 1/1

BIEN-

```

chzn sig (int);
chzn clientes [N] (int);
chzn cobros [N] (int);
chzn pedidos (int);
chzn pagar (int);
chzn usar [10] (int);
chzn dejasarCabinas [10] (int);

```

```

Process clientes [i:1..N] {
    int cabina;
    send pedidos (i);
    receive clientes [i] (cabina);
    send usar [cabina] (i);
    // ocupado la cabina
    send dejasarCabinas [cabina] (i);
    send pagar (i);
}

```

```

Process cabinas [i:1..10] {
    int idc;
    while (true) {
        send sig (i);
        receive usar [i] (idc);
        // ocupado por cliente
        delay(2);
        receive dejasarCabinas [i] (idc);
    }
}

```

```

Process empleado () {
    int cli, ncabinas;

```

```

    while (true) {
        receive sig (ncabinas);
        if (!empty(pagos)) → receive pagar (cli);
        cobrar(i);
        [ ] ( (!empty(sig)) and (!pasion(empty)) and (empty(pagos)) ) → receive sig (ncabinas);
        receive pedidos (cli);
        send clientes [cli] (ncabinas);
    }
}

```



ADA

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Eje 2 hoja 1/1

Regular-

```
begin
  task type persona is
  task empleado is
    entry aceptarPersona;
  end empleado;
  personas : Array (1..P) of persona;

  task body persona is
    begin
      select
        empleado. aceptarPersona();
      or
        delay (60 * 20);
      end select;
    end persona;

  task body empleado is
    begin
      for i in 1..P loop
        accept aceptarPersona do
          atender();
        end aceptarPersona;
      end loop;
    end empleado;

  begin
  end
```

