

Sergio Delwa es el hoja 1/1

BIEN-

```

var sig (int);
chan cliente [N] (int);
chan pedido (int);
chan pagar (int);
chan usar [10] (int);
chan dejarCabinas [10] (int);

```

```

Process cliente [i:1..N] {
    int cabina;
    send pedido (i);
    receive cliente [i] (cabina);
    send usar [cabina] (i);
    // usa la cabina
    send dejarCabinas [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 dejarCabinas [i] (idc);
    }
}

```

```

Process empleado () {

```

```

    int cli, ncabinas;

```

```

    while (true) {

```

```

        receive sig (cabina);

```

```

        if (!empty(pagar)) → receive pagar (cli);
        cobrar();

```

```

        if (!empty(sig) and (!empty(pedido) and (!empty(pagar))) → receive sig (ncabinas);
        receive pedido (cli);
        send cliente [cli] (ncabinas);
    }
}

```

fi



ADA

Sergio Deloos

Eje 2 hoja 1/1

Regular-

```
begin  
  task type persona is  
  task empleado is  
    entry aceptarPersona;  
  end empleado  
end persona;
```

```
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
```

