

$$F = 1\text{KHz} \quad T = 1/1000 = 0.001\text{ s} = 1\text{ms}$$

$$T/2 = 0.0005$$

$$\leftarrow \Delta T$$

$$\frac{1}{8\text{KHz}} = T_{\text{OSC}}$$

$$N = 16$$

$$P = 2$$

$$T_{\text{MRO}} =$$

$$2^N - \left(\frac{\Delta T}{W \cdot T_{\text{OSC}} \cdot P} \right)$$

union

struct

struct

```
struct persona{  
int edad;  
char nombre[50];  
char sexo;  
};
```

```
struct persona p;  
p.edad = 5;  
strcpy(p.nombre, "Antonio");
```

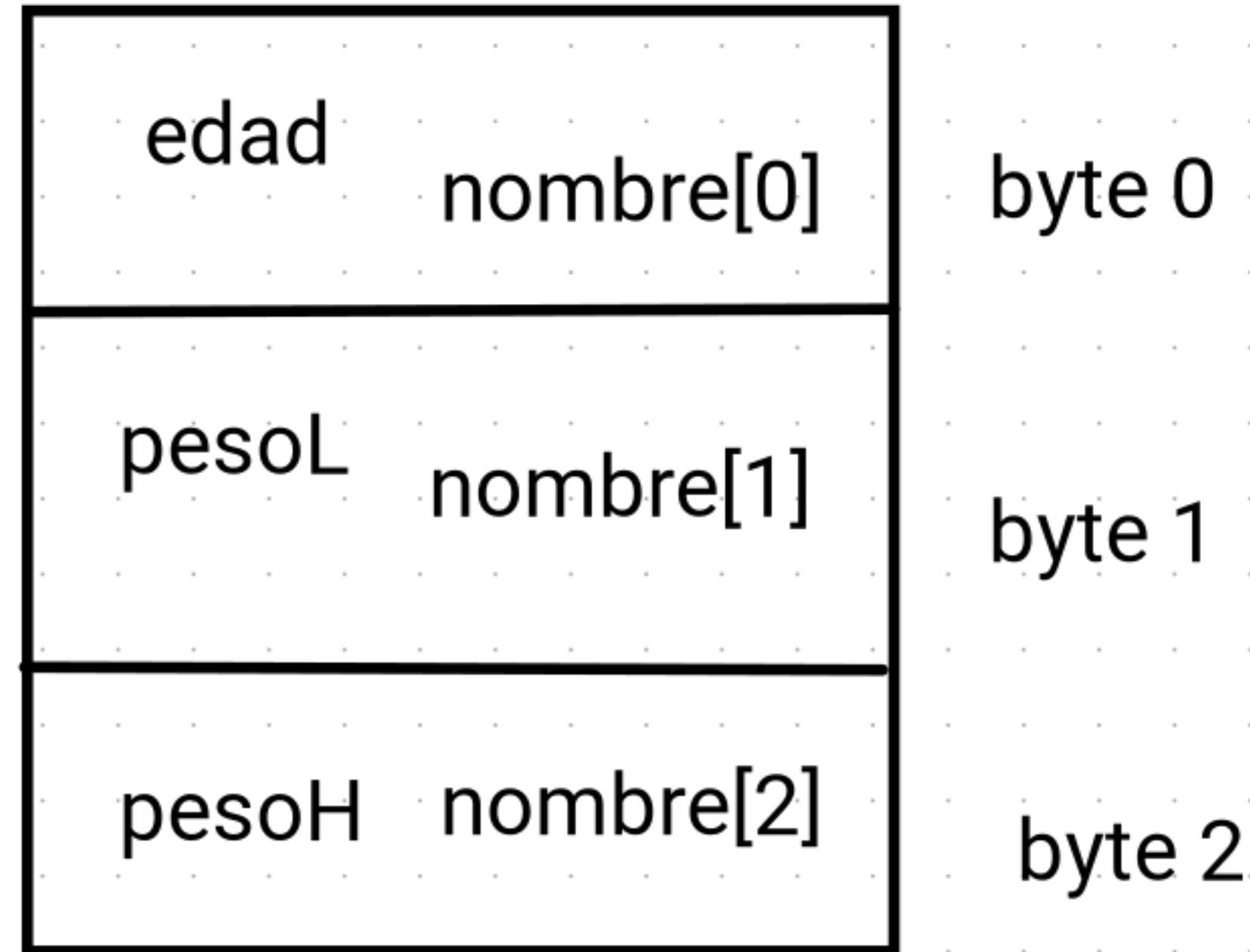
2 bytes edad
50 bytes nombre
1 byte sexo

53 bytes

```
p2.nombre[1] = 0x9B;  
p2.nombre[2] = 0xDE;  
peso2 = p2.peso; // peso = 0xDE9B (56987)
```

```
union persona{  
    uint8_t edad;  
    uint16_t peso;  
    char nombre[3]  
};
```

```
union persona p2;  
p2.edad = 10;  
p2.peso = 50;
```



```
edad = p2.nombre[0];  
edad = p2.edad;
```

```
p2.peso = 65036
```

```
pL = p2.nombre[1]; // pL = 0x0C;  
pH = p2.nombre[2]; // pH = 0xFE;
```

```
union byte{  
  unsigned b0 : 3;  
  unsigned b3 : 1;  
  unsigned b4 : 1;  
  unsigned b5 : 1;  
  unsigned b6 : 1;  
  unsigned b7 : 1;  
  unsigned b8 : 3;  
  uint8_t bc;  
};
```

