



```
.ORG 0x800
```

```
.DATA
```

```
.EQU TEL-IRQ, 0x0
```

```
.EQU TEL-STAT, 0x1
```

```
.EQU TEL-REG
```

```
.EQU STAMP-STAT
```

```
.EQU STAMP-REG
```

```
.EQU PULS-IRQ
```

```
.EQU PULS-STAT
```

```
STORICO: .FILL x.y.10, 1, 0
```

```
COUNT: .QUAD 0
```

- TEXT

```
MOVB $1, %AL
MOVW $TEL_STAT, %DX
OUTB %AL, %DX
MOVW $PULS_STATUS, %DX
OUTB %AL, %DX

STI
HLT
```

- DRIVER O DRIVER TELEFONO

```
CMPQ $X.4.10, CONT
```

JR .FINE —> NON MI OCCUPO DEL
CASO IN CUI, CIA > 10

```
D  
N { MOVQ $X.4, %RCX  
A { MOVW $TEL_REG, %DX  
C { MOVZBQ STORICO(, COUNT, 1), %RDI  
IN { CLD  
    INSW
```

```
D  
N { MOVW $STAMP_REG, %DX  
A { MOVQ %RDI, %RSI  
C { CLD  
OUT { OUTSW  
     MOVB $1, %AL  
     MOVW $STAMPANTE_STATUS, %DX  
     OUTB %AL, %DX  
     ...
```

ADDQ %RCX, COUNT

.FINE

MOVB \$1, %AL

MOVW \$TEL_IRQ, %DX

OUTB %AL, %DX

IRET

. DRIVER 1 ~~IS~~ DRIVER PULSANTE

XORQ %R8W, %R8W

D
M
A
C
OUT {
MOVQ \$X.4.10, %RCX
MOVBQ STORIO(, %R8W, 1), %RSI
MOVW \$STAMPANTE_REG, %DX
CALL
OUTSW

MOVB \$1, %AL

MOVW \$STAMPANTE_IRQ, %DX

OUTB %AL, %DX

IRET