EXAM_PREP_1 [NUMBERS]

```
START := 0x01
S0 := 0x02
S1 := 0x04

LEDS := 0x0F
D_TIME := 500
```

```
DDRA := DDRA and not(START or S0 or S1)
DDRC := DDRC or LEDS
```

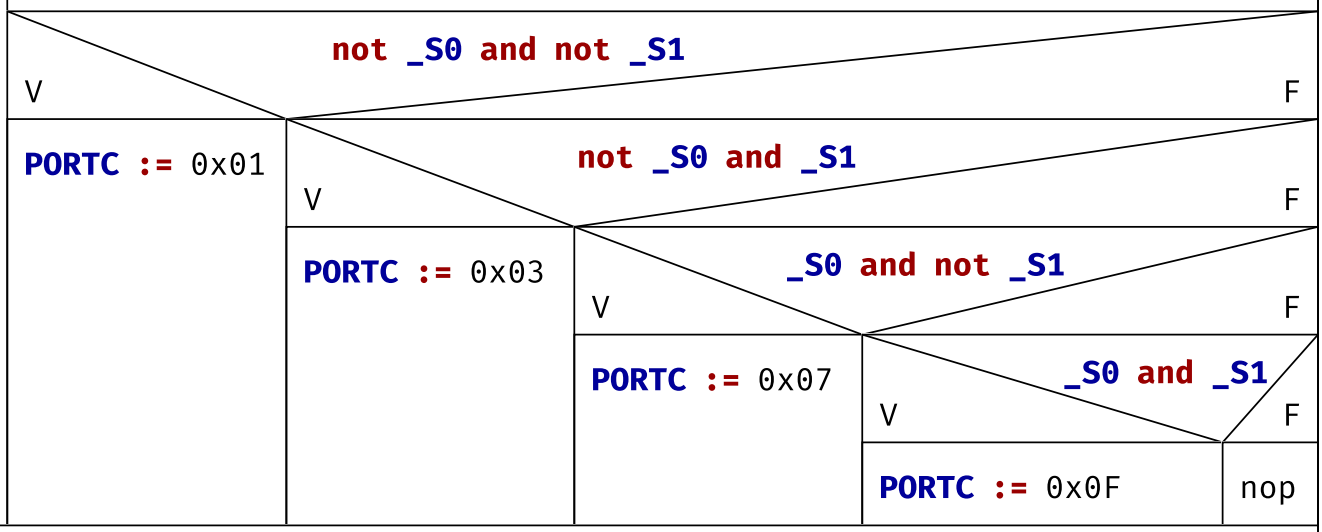
```
while not(PINA and START)
    nop
```

```
while PINA and START
    nop
```

```
wait D_TIME
```

```
while not(PINA and START)
    nop
```

```
while PINA and START
    _S0 := PINA and S0
    _S1 := PINA and S1
```




```
PORTC := 0x00
```