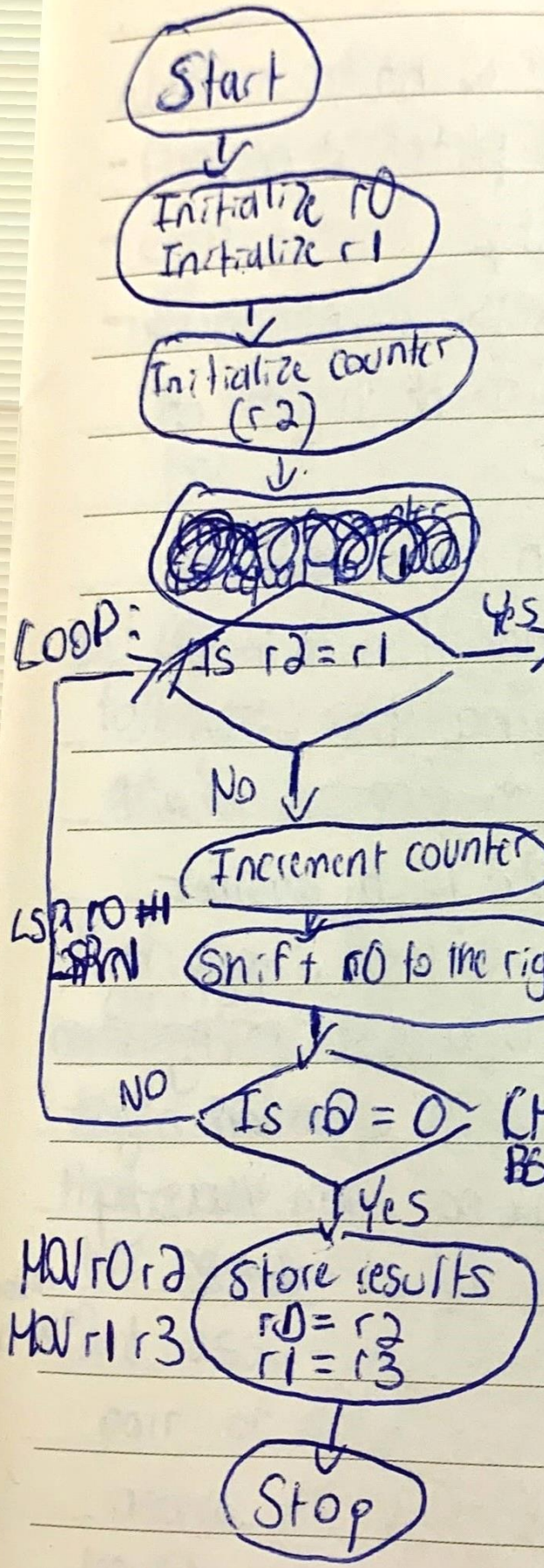


```
MOV r0 #37192
MOV r1 #3
MOV r2 #0
CMP r2 r1
BEQ MOD
```

Subroutine modulo

```
MOV r3 r1
SUB r3 r3 #10
CMP
MOV r3 r1
MOV r4 #0
MOD: SUB r3 r3 #10
CMP r3 #0 r4
BGE MOD
ADD r3 r3 #10
```