```
LDA Testbyte
CMP #$05
BCC small    ; branch if A = 0,1,2,3 or 4
CMP #$0A
BCS large    ; branch if A = 0A, 0B, 0C, ... , FF
```

ok...

```
ldy #$00
LDA $C000,Y
STA $D800,Y
LDA $C100,Y
STA $D900,Y
inY
~~beq~~ BNE
```

move 512 bytes!

add 4 digit number $0B(LO) & $0C(HI)
to a 6 digit number $0D(HI), $0E(middle)
and $0F ~~(HO~~) (LO)

```
SED
CLC
LDA$0C
ADC$0F
STA $0F
LDA $0B
ADC $0E
STA$0E
BCC
inc $0D
CLD
```

```
LDX #$ 04
CLC
LDA $0400,X
ADC$0B,X
CMP#$ 3A   (0A volgens mij)
BCC
SBC#$0A
STA $0400,X
DEX
BPL
```

werkt niet

NO BCD mode

lda ~~#~~$B0
EOR ~~#~~$FF

G.W.B
6|2217 e.v.

incrementing two bytes

```
INC LOBYTE
BNE CONT      branch unless $FF just became $00
INC HIBYTE
CONT
```

0400
FC FB
hi lo

decrementing two bytes

```
LDA LOBYTE
BNE DECL
 DEC HIBYTE
DECL DEC LOBYTE
```

multiply the contents of $FC & $FD and leave answer in it too

```
CLC
LDA #$00
LDX #$08
ROR
ROR $FC
BCC ~~EXIT~~ CONT
CLC
ADC $FD
DEX
BPL
STA $FD
 RTS
```

division of a 2 byte number by a single byte.
2-byte number in $FC (LO) and $FD divisor $FE
result (0-255) left in $FC + remainder in $FD

```
CLC
LDX #$08
LDA $FD
ROL $FC
ROL
BCS
CMP $FE
BCC
SBC $FE
SEC
DEX
BNE
ROL $FC
STA $FD
RTS
```