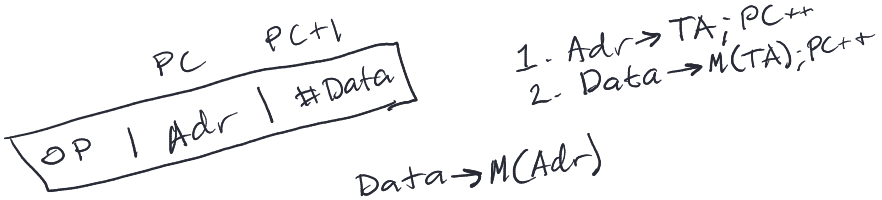
```
LDA #7E
                    Q5
INCA                Q6
JMP 22
                    Q5
```

F0
03
08
E1
10
24
FA
33
22

38	23=38
10	24=10
24	25=24
19	26=20
21	27=21
23	28=21



Q4	$(Q_4 \cdot I_{DF})$	$M(PC) \rightarrow TA$; $PC+1 \rightarrow PC$,	LD_{TA}; INC_{PC}; MR,
Q5	$(Q5 \cdot I_{DF})$	$M(PC) \rightarrow R$; $PC+1 \rightarrow PC$,	LD_R; INC_{PC}; MR; f2,
Q6	$(Q6 \cdot I_{DF})$	$R \rightarrow M(TA)$	OE_R; g_{14}; MW,

05
07
EF
20
02
21
21

20

05
07
EF
20
02
21
21

20

OP | Adr | Data

Q4	$(Q4 \cdot I_{EF})$	$M(PC) \rightarrow R$ (M(Adr)); $PC+1 \rightarrow PC$;	$LD_R; INC_{PC}; f_3; f_0; MR$;
Q5	$(Q5 \cdot I_{EF})$	$M(PC) \rightarrow T$ (#Data); $PC+1 \rightarrow PC$;	$MR; LD_T; INC_{PC}$;
Q6	$(Q6 \cdot I_{EF})$	$A - T$; $ALU(Z) \rightarrow CC$	$f_3; f_2; OE_A; g_0; LD_{CC}; g_1; g_8; g_5; g_4; g_3; g_2$
Q7	$(Q7 \cdot I_{EF})$	if $(Z = 1)$ $M(R) \rightarrow PC$	$(OE_R; LD_{SP}) \cdot Z$