

# System programming Assignment 1

1-

LDA ALPHA

STA BETA

MUL GAMMA

STA ALPHA

ALPHA RESW 1

BETA RESW 1

GAMMA RESW 1

2- LDA ALPHA  
STA BETA  
DIV GAMMA  
STA ALPHA  
ALPHA RESW 1  
BETA RESW 1  
GAMMA RESW 1

~~3- LDA zero~~  
~~Loop~~

3- LDX zero  
Loop LDA ALPHA  
STA ALPHA, X  
SUB ONE  
TIX ALPHA  
JLT Loop  
zero word 0  
ALPHA RESW 100

4-

READ LDX zero

Loop TD INDE V

JEQ Loop

RD INDE V

STCH RECORD, X

TIX K100

JIT Loop

RECORD RESB 100

INDE V Byte X'06'

K100 word 100



5. LDX zero

STA INDEX

loop LDX INDEX

LDA ALPHA

TIX K10

JIT Loop

zero word 0

K10 word 10

INDEX RESW 1

ALPHA RESW 1