```
        LDA     ALPHA       LOAD ALPHA INTO REGISTER A
        ADD     INCR        ADD THE VALUE OF INCR
        SUB     ONE         SUBTRACT 1
        STA     BETA        STORE IN BETA
        LDA     GAMMA       LOAD GAMMA INTO REGISTER A
        ADD     INCR        ADD THE VALUE OF INCR
        SUB     ONE         SUBTRACT 1
        STA     DELTA       STORE IN DELTA

        .
        .
        .

ONE     WORD    1           ONE-WORD CONSTANT
                            ONE-WORD VARIABLES
.
ALPHA   RESW    1
BETA    RESW    1
GAMMA   RESW    1
DELTA   RESW    1
INCR    RESW    1
```

(a)

```
        LDS     INCR        LOAD VALUE OF INCR INTO REGISTER S
        LDA     ALPHA       LOAD ALPHA INTO REGISTER A
        ADDR    S,A         ADD THE VALUE OF INCR
        SUB     #1          SUBTRACT 1
        STA     BETA        STORE IN BETA
        LDA     GAMMA       LOAD GAMMA INTO REGISTER A
        ADDR    S,A         ADD THE VALUE OF INCR
        SUB     #1          SUBTRACT 1
        STA     DELTA       STORE IN DELTA

        .
        .
        .

                            ONE WORD VARIABLES
.
ALPHA   RESW    1
BETA    RESW    1
GAMMA   RESW    1
DELTA   RESW    1
INCR    RESW    1
```

(b)