```
            LDX       ZERO            INITIALIZE INDEX REGISTER TO 0
MOVECH      LDCH      STR1,X          LOAD CHARACTER FROM STR1 INTO REG A
            STCH      STR2,X          STORE CHARACTER INTO STR2
            TIX       ELEVEN          ADD 1 TO INDEX, COMPARE RESULT TO 11
            JLT       MOVECH          LOOP IF INDEX IS LESS THAN 11
            .
            .
            .

STR1        BYTE      C'TEST STRING'  11-BYTE STRING CONSTANT
STR2        RESB      11              11-BYTE VARIABLE
.                                     ONE-WORD CONSTANTS
ZERO        WORD      0
ELEVEN      WORD      11
```