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| | LDT | #11 | INITIALIZE REGISTER T TO 11 |
| | LDX | #0 | INITIALIZE INDEX REGISTER TO 0 |
| MOVECH | LDCH | STR1,X | LOAD CHARACTER FROM STR1 INTO REG A |
| | STCH | STR2,X | STORE CHARACTER INTO STR2 |
| | TIXR | T | ADD 1 TO INDEX, COMPARE RESULT TO 11 |
| | JLT | MOVECH | LOOP IF INDEX IS LESS THAN 11 |
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| STR1 | BYTE | C'TEST STRING' | 11-BYTE STRING CONSTANT |
| STR2 | RESB | 11 | 11-BYTE VARIABLE |