I RET

CALLF INT-VECTOR["#"

PUSH # INT "#"

JMP INT SOFTWARE INT

CALL

("num, "num, "int"

STT

CIT

INT 1 - "Trace" / "Single Step"

INT 3 - Break-Point (one byte INT)

N M I - Non-Maskable INT
not-number

int a, b, c, d, e, f
int is_prime
int number

cmp r0, #0
if number > 0

asm

.soil main (code) \[ \frac{E}{x} \]

level languages (e.g., C/CT/Ada...)

- assembly

- embedded

- inline assembly

- C/C++
1. The word "array" is written multiple times with a symbol or diagram nearby.

2. "Array" is written again with a symbol or diagram.

3. "Arrays" is written with a symbol or diagram.

4. "The word "push" is written with a symbol or diagram.

5. "The word "clear" is written with a symbol or diagram.

6. "The word "old" is written with a symbol or diagram.

7. "The word "new" is written with a symbol or diagram.

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50. "The word "old" is written with a symbol or diagram.
void reverse(char str[]) {
    int i, len = strlen(str);
    char temp;

    for (i = 0; i < len / 2; i++) {
        temp = str[i];
        str[i] = str[len - i - 1];
        str[len - i - 1] = temp;
    }
}

int main() {
    char str[] = "Hello, world!";
    reverse(str);
    printf("Reversed string: %s\n", str);
    return 0;
}