
```
clear all % #####
x = [1 4 -2 3 -1 -5];
for i = 1:length(x),
    if x(i)>0,
        fprintf('x(%g) = %g is positive\n', i, x(i));
    else
        fprintf('x(%g) = %g is negative or zero\n', i, x(i));
    end
end

x(1) = 1 is positive
x(2) = 4 is positive
x(3) = -2 is negative or zero
x(4) = 3 is positive
x(5) = -1 is negative or zero
x(6) = -5 is negative or zero
```

Published with MATLAB® R2017b