```matlab
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
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% DATE: Feb 1, 2022
%
% PROGRAM: fordiff1.m
% PURPOSE:  Take input list of positive numbers, stop when zero is entered.
%  Output the count of input numbers, and the largest number in the list.
% CREDIT: Adapted from an example written by Dr. Lucus
%
% VARIABLES:
%    tot = total numbers output
%    max = maximum numbers output
%    x = the input number
%
% JMU PLEDGE
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

%{
n = input('Enter value of n : ');
s = 0;
for i=1:n
    s = s + power(i,5);
end
fprintf('The value of sum : %d\n',s);
%}

tot = 0;
max = 0;
while true
    x = input("Enter a number for x: "); % number
    if x > 0 % Condition: x is greater than zero
        tot = tot + 1; % number counter
        if max < x
            max = x; % replaces max value when maximum value
        end
    else
        break; % ends loop if we hit ENTER key or input 0
    end
end
fprintf("\nTotal numbers : %d",tot);
fprintf("\nMaximum number : %d\n",max);

Error using input
Cannot call INPUT from EVALC.
Error in big (line 31)
    x = input("Enter a number for x: "); % number
```

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