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```
function [error, approx] = taylorSeriesLn2fromLn1(order)
%this function computes a taylor series approximation of ln(2) from
base
%ln(1). The input, order, is user defined as how many terms you want
in
%your series. The outputs are the error (the percent error) and approx
(the
%approximation of the taylor series).

taylorSeries = [];
taylorSeries(1) = [log(1)];

if order>0
    for i=1:order
        taylorSeries(i+1) = ((-1)^(i+1))*(1/ i );
    end
end

approx = sum(taylorSeries);
error = 100*abs(log(2) - approx)/log(2);

end

Not enough input arguments.

Error in taylorSeriesLn2fromLn1 (line 10)
if order>0
```

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