I am getting a divide by zero error somewhere above term 15 on mystery function any one else?

I don't see that. Are these your first 3 terms?

1.0000000000 -0.5000000000 0.0416666666667

Then I'm not sure why you would be getting a divide by zero. I realize that the denominator is approaching zero, but I can go out 1000 values with no issues.

in the transform function when i compute the denominator it evaluates to 0.000000e+00 because s0,s1,s2 are all the same value and all my other functions work fine

I'm not understanding. Your mystery function doesn't use a transform.
Subject: Re: Task 8
Posted by apluth on Mon, 28 Nov 2016 18:13:41 GMT

i somehow fixed that and was getting a div by zero on the transform instead

Subject: Re: Task 8
Posted by lusth on Tue, 29 Nov 2016 12:09:12 GMT

In your transform, you should detect a divide by zero and return s1 instead.

Subject: Re: Task 8
Posted by apluth on Tue, 29 Nov 2016 15:32:45 GMT

Awesome that's what I ended up doing