Subject: Hints for problem 3  
Posted by jarobinson3 on Fri, 19 Aug 2016 22:56:02 GMT

Note that:

Input is between the value of 0 and 100 (inclusive) Do each color component independently. Then combine the results with (string+ ...). X of a Y means you apply Y then restrict the length based on X. Example being "third of a cycle of a right-shift sine wave" means you shift right then only map to 0-3PI/2 Make sure you pad hex strings to be even length.

Subject: Re: Hints for problem 3  
Posted by lusth on Sat, 20 Aug 2016 16:24:42 GMT

I added plots for the three colors (click the highlighted color name in the description). I also adjusted the 100 value for magenta to 127.5.

Subject: Re: Hints for problem 3  
Posted by padietl on Sat, 20 Aug 2016 16:25:45 GMT

Do you mean 3/4 of a cycle? And how are you shifting right? just by the value in the function argument?

Subject: Re: Hints for problem 3  
Posted by jarobinson3 on Sat, 20 Aug 2016 18:15:25 GMT

I am giving an example. If you wanted to shift a sine wave right you would just add a negative offset inside the sine wave.

Subject: Re: Hints for problem 3  
Posted by jarobinson3 on Tue, 23 Aug 2016 21:35:15 GMT

For those of you who are having issues where you cannot get FFFFFF I only used PI once in my solution for computing each color. I think if you do more than the minimum number of
computations you will get precision issues.

Subject: Re: Hints for problem 3
Posted by lusth on Wed, 24 Aug 2016 00:52:08 GMT
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My graph of yellow was wrong; I've fixed it.

Because that graph was misleading, I'm going to postpone the due date one day. Assignment 1 will be due Saturday the 17th.