

DAS USF — Spring 2008

Lab assignment for 6 March 2008

At the end of class you will email to me a total of six files (please put DAS USF in the subject line):

(1) Write a function called *add* that takes two integers, adds them together and returns an integer as the result. Include a line of code that prints the result to the console.

(2) Write a function that takes a frequency value and a duration as arguments and plays a sine tone at the specified frequency and for the specified duration.

(3-6) Modify the code in the additive synthesis program to create four new custom designed timbres. Two of them should be harmonic and two should be inharmonic. Use no more than 16 partials per timbre. Each timbre should be as distinct and different from the others as possible.

I will be circling the classroom to help with questions and please if you feel like you can help someone next to you that has a question then please do it. On the other hand, please ask around to see if your neighbors can help if you have a question.