***CIS 333 Assignment 4***

It’s time to work with stacks and/or arrays! Your program will be responsible for generating doubled values, starting with 100 and ending with 10,000 by multiples of 100.

As you create each of the doubled values, you will need to either store the doubled values on a stack or in an array – your choice. Hint: you might also want to consider storing the original value too, but that’s your call. Once all of the doubled values have been placed in the data structure you chose to use for storage, you need to print the values from the data structure back out, but in reverse order. I do not care if you print them in decimal format or hex format. I want the output format to look like the following:

10000 doubled is 20000 2710 doubled is 4E20

. .

. .

. .

300 doubled is 600 12C doubled is 258

200 doubled is 400 C8 doubled is 190

100 doubled is 200 64 doubled is C8

Turn in a hard copy of your source code in class and post your .ASM file to Canvas.