

Sample output of my program:

Power [0] [0] [1] [1]	r of [0] [0] [1] [0]	1 [1] [1] [0] [1]	[1] [0] [1] [0] [1]	[1] [1] [1] [1] [0]
Power [6] [4] [3] [2] [3]	r of [4] [2] [2] [4] [2]	3 [3] [2] [8] [3] [2]	[2] [4] [3] [6] [3]	[3] [2] [2] [3] [8]
Power [8] [4] [7] [6]	r of [4] [4] [8] [4] [8]	4 [7] [8] [10] [7] [4]	[6] [4] [7] [8] [7]	[7] [8] [4] [7] [10]

I wrote my program in C++ as I have never use Matlab in my life and feel most confident about C programming. I'm not sure about what was said on piazza that all ECPE students have done Matlab. I think only electrical engineering students learn matlab. Hopefully, it compiles. :)

