PROJECT GRADING

The score calculation for your project will be as follows.

"Your code will be correlated with everybody including previous years. I will take your highest correlation (call it maxCorr), then compute your score as follows:

***actualScore = rawScore\*(1 –(maxCorr –noiseFloor) )***

Suppose your maxCorr is 60%, the noise floor is 20%, and your rawScore is 80, then you will get 48. The correlator I use is smart and does not get fooled with minor changes in the code unless the thinking (hence the flow) of the code is different. Noise floor means the minimum (or a little more) correlation over all pairs of people.

The calculation of rawScore is as follows:

Code passes test.asm + max(0, 30–5pts\*#mistakes) --> 0 - 30

Code passes code 1 + max(0, 15–5pts\*#mistakes) --> 0 - 15

Code passes code 2 + max(0, 15–5pts\*#mistakes) --> 0 - 15

Code passes code 3 + max(0, 15–5pts\*#mistakes) --> 0 - 15

Synthesis w/o warnings (except #1) + 25 --> 0 - 25

Late penalty – 1pt/hour --> -100 - 0

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TOTAL --> 0 - 100