Fall 2025 CIS 3362 Homework #5 Grading Criteria

1) 5 pts – give full credit if correct, subtract 1 pt for each error, cap at 0.

2) 5 pts – give full credit if correct, subtract 1 pt for each error, cap at 0.

3) 5 pts – 1 pt stating Fermat, 2 pts to rewrite exponent, 2 pts to get to correct answer.

4) 5 pts – 2 pts phi calculation, 2 pts to rewrite exponent, 1 pt final answer.

5) 10 pts – Listing each value, x, from 1 to 18 that is relatively prime to 2 (5 pts)
Listing the corresponding values of 2^x mod 19 for each $x > 1$ (5 pts)

6) 20 pts – If the chart is right and it looks like the code submitted produced it give full credit. Expecting most people who tried it to get full credit. Decide partial credit as you wish.

7) 50 pts – These should be graded relatively. To get full credit, their code must be submitted and must indicate that it likely produced the stated results. Charts should be produced for both tests. It's possible Fermat worked every time for students (I think). You can roughly break down points as follows:

submitted code seems accurate and consistent to write up – 15 pts for each (30)
data is presented reasonably – 5 pts for each chart (10)
explanation of results – 10 pts total