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ece103L Thursday Section
Lab 1 report
Due: 4/13/2023

P1
- Uses mod() function with the second argument set to 2 in order to only choose the even elements of x.

P2
- Uses 2 for loops to compute

P3
- max_t has the same answer for different values of omega as amplitude of the function it is applied to will not exceed e^1.2, which is smaller than 10

P4
- For loop computes values one index at a time
- Conditional statements within for loop to handle finding min, max, and update array of indices over 4.
- Uses array concatenation to update array of indices over 4

P5
- Makes time access discrete by setting it as a 1d vector
- s1, s2, s3 are initialized as 1d vectors of zeros same size as time vector
- For loop used to compute values one index at a time

P6
- Defines a function which handles 1d vector inputs and outputs x, y to handle the problem