Conditional Statements Practice Problem 1 (Due at the beginning of the lecture on Wed, 9/5 on T-learn; Type your name at the beginning of the script!)

- Write a program that accepts a numerical variable x from 0 to 100 and displays the corresponding letter grade given by the table below.
  - Hint: Use disp(‘ ’) function

A	90 - 100
B	80 - 89
C	70 - 79
D	60 - 69
F	≤ 59

Loop Control Statements Practice Problem 2 (Due at the beginning of the lecture on Wed, 9/5 on T-learn; Type your name at the beginning of the script!)

- Find how long it will take to accumulate at least $10,000 in a bank account if you deposit $500 initially and $500 at the end of each year, if the account pays 10% annual interest.

Least Squares Regression Practice Problem 3 (Due at the beginning of the lecture on Wed, 9/5 on T-learn; Type your name at the beginning of the script!)

To determine which function base (e or 2) is a better function to approximate the rabbit population (generated from the Fibonacci sequence), **implement percent errors to determine which base returns a closer approximation to the actual rabbit population at month 21**. Include your implementation in the code downloaded from Tlearn and use comments to justify your answers.

- percentError(base_e, fib)
- percentError(base_2, fib)