

**CECS 551**  
**Assignment 2**  
**Total: 30 Points**

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General Instruction

- Submit uncompressed file(s) in the Dropbox folder via BeachBoard (Not email).
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1. (30 points) Write simple Python programs for Deep Learning.
  - (a) Find the book, *Deep Learning with Python*, using the *link*. You should be able to view full text with your CSULB credential.
  - (b) Read the chapter 3. Getting started with neural networks.
  - (c) Reproduce the example programs;
    - i. Classifying movie reviews: a binary classification example → `bin_class.ipynb`
    - ii. Classifying newswires: a multiclass classification example → `mul_class.ipynb`
    - iii. Predicting house prices: a regression example → `reg.ipynb`
  - (d) Submit `bin_class.ipynb`, `mul_class.ipynb`, and `reg.ipynb`.