Tutorial 4: Convolutional neural networks 2021-2022 Spring Semester

- 1. Run the iPython notebook (Section 5.3, "Document classification with CNN") of the following site on your machine¹:
 - a. https://github.com/joosthub/PyTorchNLPBook (Repository of source codes explained in the book "Natural Language Processing with PyTorch" by Delip Rao and Brian McMahan)
 - b. It requires data file downloading and data pre-processing
- 2. Answer the following questions about the notebook of Question 1:
 - a. How many layers of 1D CNN are used in the model?
 - b. What other layers are included in the model?
 - c. How many channels does each 1D CNN produce as output?
 - d. What is difference between the padding introduced in the lecture slides and the padding introduced in the notebook?
 - e. What pooling method is used in the notebook?
 - f. Which regularisation method is used in the notebook?

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¹ Recommended to use anaconda (https://www.anaconda.com) and create a new environment for each tutorial