# Assignment Module 1

**Q**. Implement the following problems in python and upload a zip folder containing Python files/project folder and a document (with your prn number mentioned in it) having all your output screenshots with multiple test cases (Test cases needs to be mentioned in the document)

1. Implement Pits model for Logical Gates
2. Implement Pits model for bird example (taken in class)
3. Implement perfect roommate example for 3 scenarios:
   a. Simple NN where input is weather and output is food
   b. Simple RNN where input is previous day food item
   c. Complicated RNN where input is weather and previous day food item