# CH2 Homework

- Write an argument (include statement description) and prove it is valid. (More complicated argument gets a higher score)
  - A 3pts-example:
    - p: It rains. q: absent from discrete mathematics
    - Argument $((p \rightarrow q) \wedge \neg q) \rightarrow \neg p$
      - If it rains, I will be absent from discrete mathematics.
      - I join the discrete mathematics today.
      - Conclusion: Today is not rainy.

- If you want to write a program to automatically make inference, please describe how difficult it is?

- Due: 3/16 10AM

# CH2 Quiz Practice

- 2.2: 6, 16
- 2.3: 10
- 2.4: 10, 14, 18
- 2.5: 10
- Supplementary: 4