

Tutorial sheet 1

Due: Monday, 28.10.13, 11:00 p.m.

Exercise 1 Introduction (15 points)

- a) Explain in own words the difference between *think humanly*, *act humanly* and *act rationally*. (3 points)
- b) Compare the chatterbots in <http://www.turinghub.com/> and <http://www.jabberwacky.com>. Pose them the same questions. Which is the most convincing? Why? Another example can be found in <http://www.20q.net>. When is the Bot successful in guessing the word? (6 points)
- c) The Turing test does not possess a mathematical analysis, it is neither reproducible nor constructive. Explain these criticisms also in respect to the answers given in a) and b). (6 points)