DIS08 – Data Modeling

09 – Results Assignment 1 – Python

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Technology
Arts Sciences
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Topics for Today

1. Q&A

2. Results Assignm. 1

3. Assignment 2

Open Questions

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1. Q&A

2. Results Assignm. 1

3. Assignment 2

Results Assignment 1

Total MAX: **50**
Total AVG: **26.7**
Total AVG only full participation: **32.4**

Ex. 1:   **4.4 / 6**
Ex. 2:   **4 / 6**
Ex. 3:   **7 / 10**
Ex. 4:   **5 / 12**
Ex. 5:   **5,6 / 16**

36 assignments with >= 50% score
19 assignments with >= 75% score

Exercise 1 and 2:

Exercise 1 common mistakes:

- No markdown formatting!
  - Html is no markdown
  - Just pasting into what was already formatted not enough
- Texts too short

Exercise 2 common mistakes:

- No markdown formatting..
- Problematic: Posting images of mame and matrikelnummer publicly
- Output to lines.txt missing
- Printing content of lines.txt to console missing

Exercise 3:

Exercise 3 rare mistakes

- Wrong file name (many of you are called Shaer…?)
- … not getting the 6 free points

Exercise 4:

Exercise 4 common mistakes
- Bash script missing or badly formatted
  - Do not include "$"
  - Missing Header
  - Comments

- 4.1 (find emojis)
  - Only per file OR in total, not both
  - In regular expressions (grep), spaces count! ("a | b" is not "a|b")

- 4.2 (110|911)
  - Again, in regex, spaces matter!

- 4.3 (messages with at least 20 characters):
  - "At least" is not ">"; use ">="

- 4.4/4.5/4.6:
  - Uniq u ignores non-uniqe input
    - → Opposite of what you wanted to do!
  - Always sort before uniq
    - Alternatively: sort -u

Exercise 5:

Exercise 5 common mistakes
- No output in markdown file
- Not enough documentation
- Cut on tsv needs no delimiter (tab is default)
- Difference between [a|b] and (a|b)

- **5.3.a (unique genres)**
- Use only first list element if list of genres
  - Use "tr" (translate)
    - tr 'a' 'b'
      - → replaces all instances of 'a' with 'b'
    - tr -d 'a'
      - → deletes all instances of 'a'

- **5.3.b (count TV Shows and Movies)**
  - Not correct, but worked (gave full points):
    - $ grep -c "Movie" disney.tsv
    - $ grep -c "TV Show" disney.tsv

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