

Python Programming

Exceptions Homework

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Teaching, Training and Coaching since more than a decade!

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Problem #2: Compute Differences V2

- Recall v1 program. Please use my code
- Assumptions
 - If a row is invalid,
 - Either it will have the word NA as part of it
 - Or it has one of its items can't be parsed to total reviews & total students
 - There will be no missing days in the middle, though it doesn't matter!
 - At least one valid day
 - The data otherwise will be correct (e.g. has same # of columns / valid entries)

```
2020-11-18 21:26:01▶327900 1134545▶62239 253423——▶43974 201344——▶30250 105988——▶20828 77176
2020-11-18 21:56:45▶327900 1134968▶——▶43974 201344——▶30250 105988——▶20828 77176
```

```
2020-11-20 21:34:57▶328265 1135862▶62367 254028——▶44025 ratings▶30280 106127——▶20847 77283
2020-11-20 22:05:49▶NA
```

Beyond the homework

- As you see, I am posing assumptions that makes the task easy
- In practice, you can imagine all sort of uncertainties
 - E.g. a row may have less items than total courses
 - E.g. there might be no valid entries per data
 - You may want per day & course, to save the last valid entry
 - To present the best possible output from the file
- Feel free to go as complicated as u want and think in smart solutions

“Acquire knowledge and impart it to the people.”

“Seek knowledge from the Cradle to the Grave.”