

Every day the *New York Times* publish a mini crossword available at this page <https://www.nytimes.com/crosswords/game/mini>

TODO

- Create a GitHub repository to host the code for this exercise.
- Build a production ready utility that, given a date, generates an output similar to the following one:

```
{"answer":"SNOB","clue":"Haughty person","length":4,"date":"2023-07-25","direction":"across"}
{"answer":"ATONED","clue":"Apologized for one's sins","length":6,"date":"2023-07-25","direction":"across"}
{"answer":"PORTER","clue":"Luggage carrier at a hotel","length":6,"date":"2023-07-25","direction":"across"}
{"answer":"TUTORS","clue":"One-on-one teachers","length":6,"date":"2023-07-25","direction":"across"}
{"answer":"STEPS","clue":"Studies recommend taking 8,000+ of these each day","length":5,"date":"2023-07-25","direction":"across"}
{"answer":"STOUT","clue":"Sturdy","length":5,"date":"2023-07-25","direction":"down"}
{"answer":"NORTE","clue":"Direction from Mexico to the U.S., en español","length":5,"date":"2023-07-25","direction":"down"}
{"answer":"ONTOP","clue":"Victorious","length":5,"date":"2023-07-25","direction":"down"}
{"answer":"BEERS","clue":"7-Across and 1-Down, by different meanings","length":5,"date":"2023-07-25","direction":"down"}
{"answer":"APTS","clue":"Many N.Y.C. dwellings: Abbr.","length":4,"date":"2023-07-25","direction":"down"}
{"answer":"DRS","clue":"Hosp. personnel","length":3,"date":"2023-07-25","direction":"down"}
```

Where each line represents a JSON object for each of the clue/answer in the crossword for that day with the following fields:

```
{
  "answer":"SNOB",
  "clue":"Haughty person",
  "length":4,
  "date":"2023-07-25",
  "direction":"across"
}
```

- If you have doubts about the requirements make assumptions and document them in a `README.md` file in the root of the project repo, together with any instructions on how to build/run the utility
- Which infrastructure resources you would need to run the utility daily in an automated fashion?
- How would you deploy your code to the infrastructure?
- How would you automate your deployments so that each push to your default branch will trigger a deployment to your production environment
- Is it possible to get the data about past crosswords? If yes, how would you build a solution to get all the historical crosswords data?

Share the repo with `carlo@ql4b.net` when you are done with the exercise.

If you are stuck for any reason, please reach out to `carlo@ql4b.net` via email.