Data Formats Worksheet

Data

`WorkersData.json` contains `100,000` employees records.

The data is in **JSON** format, the following example represents an employee:

```json
"14e1c7e2-bc9c-11e7-96ec-34f39a5ff2b1": {  1
        "employee_name": "Allan",  2
        "email": "Damon@gmail.com",  3
        "job_profile": [{  4
                "title1": "Carpenter Supervisor 2",  5
                "title2": "Assistant Manager, EEO"  6
            }
        ]
    }
```

1. Unique employee ID (UUID)

2. Employee's name

3. Employee's E-Mail address

4. Employee's job definitions (Always 2)

5. Employee's first job title

6. Employee's second job title

Exercise

Convert the given **JSON** file to **TSV** (Tab separated value) file.

> The above JSON contains hierarchy (example: `job_profile` → `title1`).
> We will handle this hierarchy in the output file like this: `job_profile.title1`.

Guidelines

- Do not use any converting library (implement converting mechanism).

- You can use libraries to read\write files.

- Python 3.5+

- Your solution **can** be tailored for this specific data schema.

Bonus

Try to implement a generative converter (using the same hierarchy transformation).

i.e. a program that reads **any** JSON file, with any schema, and converts it to a TSV.