

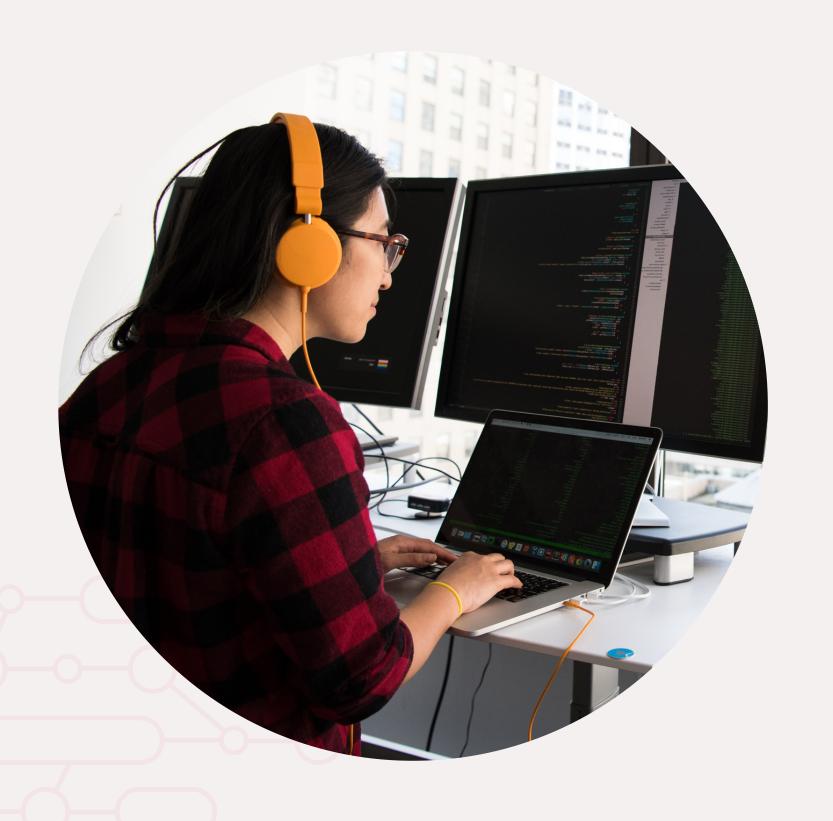
TEAM NAME: COMPETITIVE DEVELOPERS

JOLT

TRANSFORMATION

JSON TO JSON TRANSFORMATION LIBRARY

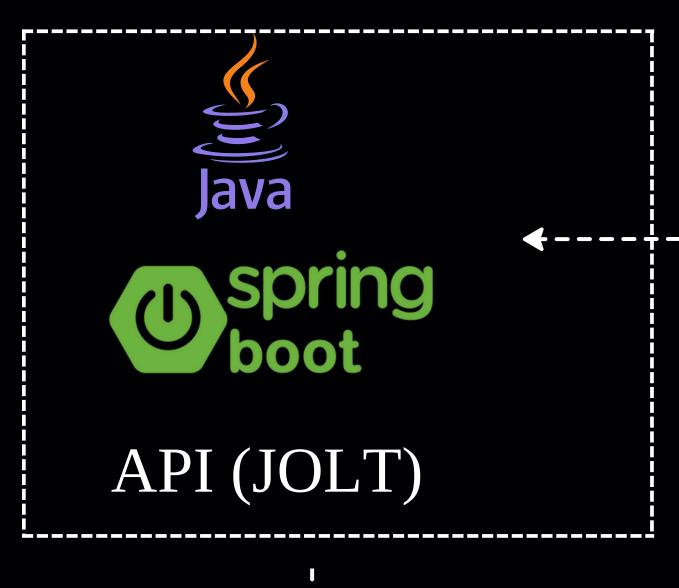
LOADING...

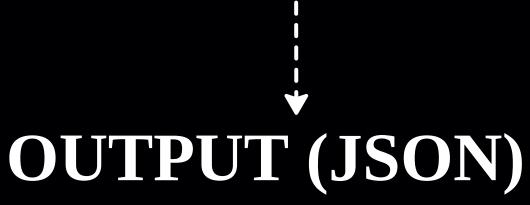


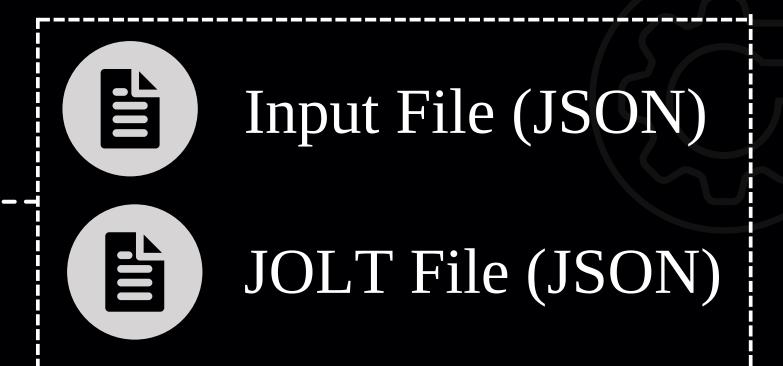
WHY THIS PROBLEM?

Basic motivation behind choosing this topic was that we all wanted to solve such problem as it was quite unique, interesting and somehow a challenging problem. Because It not only provide us exposure to the JSON transformation but also give an idea how to solve such an amazing problem in such a short duration and maximize our learnings through this competitive hackathon.

ARCHITECTURE







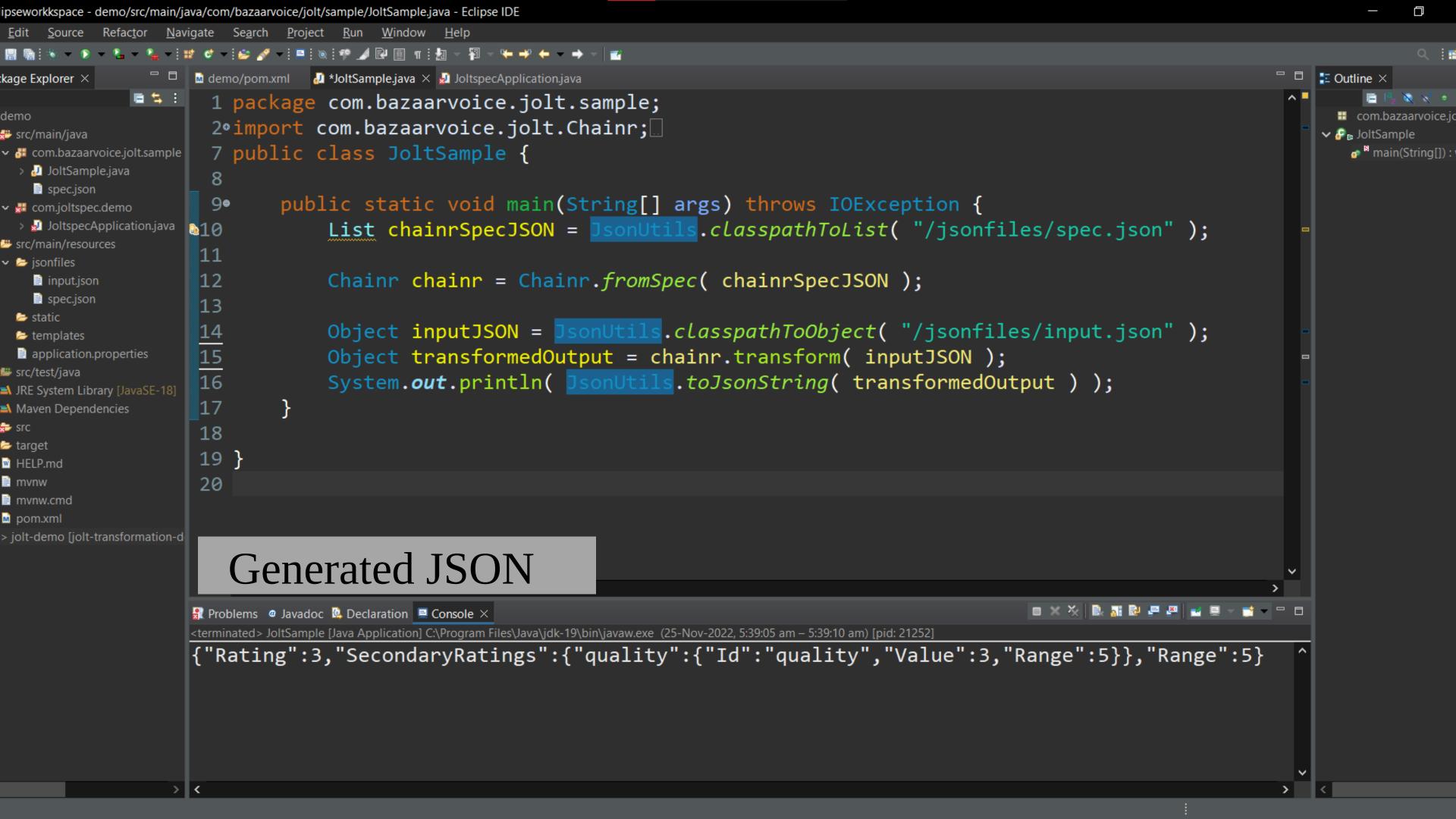


★ mapping.csv

```
dit Selection Find View Goto Tools Project Preferences Help
main.py
 import csv
 import json
 def shift(file, data):
      data["operation"] = "shift"
      n = len(file)
      content = {}
      for i in range(n):
          if (len(file[i][2]) == 2):
              if "+" not in file[i][1]:
                  dot_split = file[i][1].split(".")
                  dot_split = dot_split[1:]
                  if len(dot_split) == 1:
                       content[file[i][0]] = dot_spli
                  else:
                       dot_copy = dot_split
                       dot_split.reverse()
                       past = {}
                       past[dot_split[0]] = row[1]
                       cur = \{\}
                       dot_split = dot_split[1:]
                       for x in dot_split:
                           cur[x] = past
                           past = cur
                  # print(past)
                       for x in past:
                           content[x] = past[x]
```

```
No., Target, Source, Enumeration
   1, SSN, .id, -
3 2, CustomerFullName, .firstName +
   .lastName, -
  3, CustomerAddress, .address.street +
   .address.suite, -
   4, CustomerCity, .address.city, -
   5, CustomerZipCode, .address.zipcode, -
   6, CustomerProfession,
   ENUM(.occupation), {"self-employed":
   "SELF""," "salaried": "FIXED INCOME"","
   "other": "MISC"}
   7, CustomerAge, .age, -
```

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TECHNOLOGIES USED

PYTHON

SPRINGBOOT

JAVA



WHAT WE LEARNT DURING OUR ENTIRE HACKATHON?

- Understanding how does parser works
- •Learnt Java and Springboot on the go.
- Work division and coordination
- Work pressure handling
- Exposure to an offline hackathon



Team Members:

Hemant Kumar

Dhanjay

Divyam Garg