



Implement web application that will, upon opening, read JSON data in the following format.

```
[
  "childName1 parentName1",
  "childName2 parentName2",
  "...",
]
```

For example, sample data can be:

```
[
  "Adam Ivan",
  "Marko Stjepan",
  "Stjepan Adam",
  "Robert Stjepan",
  "Fran Ivan",
  "Leopold Luka"
]
```

(The source of the JSON data does not matter. It can be hardcoded, simulating as if it came from a REST endpoint.)

Upon reading the data, the application should generate HTML output showing family tree structure, such as the one below (using unordered lists):

- Ivan
  - Adam
    - Stjepan
      - Marko
      - Robert
  - Fran
- Luka
  - Leopold

Have in mind two border cases:

1. child has more than one parent – in this case, output the parents independently of each other
2. cyclic relationships (A -> B -> C -> A) – this is not valid and you should show error

Other requirements:

- The project should be written in JavaScript or TypeScript.
- You can use any framework you prefer, such as Angular, Express.js...

- It is recommended to use Git for source control and push the project to a free repository such as GitHub, GitLab or Bitbucket. Alternatively, you may just zip the entire project and send it to us.
- Project must have a readme file in the project's root that describes how to run the application, as well as any other details we should be aware of.
- The application should be as operating system agnostic as possible.