

Make an application with the following requirements.

Requirement 1

The application has a data set with persons and should be possible to add further functionality in the future.

Requirement 2

A person has the following properties:

Person:

Property	Type	Required	Multiple
id	Number	yes	no
name	String	yes	yes
birthDate	Date	yes	no
parent1	Person	yes	no
parent2	Person	yes	no
children	Person	no	yes
partner	Person	no	no

Requirement 3

3a - The user can get a list of all persons who have a partner and three children with that partner and one of the children has an age below 18

Implement the filtering in java code instead of on the datasource itself.

3b - The list should be returned as base64 encoded CSV file

Requirement 4

It must be possible to insert, update and delete a person

Requirement 5

The user can view a list of persons (id, name, parents and partner) sorted on id or name.

Some guidelines:

- It is not required that the application has a GUI or a database, but finish requirements in the given order.
- *We do not expect you to spend more than 2 hours on this - Please implement the requirements in order, and ensure you complete a requirement before moving on to the next.*
- You can provide a zip with the project files, or an accessible link to a git repository.
- You can use any frameworks/libraries that you feel are necessary to complete the requirements.

Make the most beautiful (and production ready) program you have ever written of it.