**Number26 Code Challenge**

For the development of this web service API, I used:

\* Eclipse Java EE IDE for Web Developers.  
\* Tomcat v8.0  
\* Jersey 2.22.1

For testing this web service API, I used 'Postman' (Chrome Extension).

Please find screen shots (under the folder named "Postman\_") for the different manipulation of this API.

This API offers different functionalities:

- **Add a new transaction**.

Note that, my implementation doesn’t allow two transactions with the same id.   
“parent\_id” is an optional parameter, so it will be null by default.  
After each add operation, a message will be displayed to indicate the total number of added transactions.

- **Get a transaction with its id**.

Return null if no transaction was found.

- **Get all transaction that share the same inputted type.**

Return empty list if no transactions were found.

- **Sum the transaction's amount with related inputted id**.

Return 0 if no transactions were found.