ES6 Assignments

Submitted by Sanket Bolamwar

1. **Symbols:** Write a class that defines next() method to return next number from Fibonacci series. The class will have a private attributes ‘previousNo’ & ‘currentNo’.

**Refer AssignmentQ1.html, AssignmentQ1.ts, AssignmentQ1.js files**

1. **Iterators:** Write a program that returns next Armstrong number after calling getNextArmstrong() method.

**Refer AssignmentQ2.html, AssignmentQ2.ts, AssignmentQ2.js files**

1. **Generators:** Write a program that returns next Armstrong number after calling getNextArmstrong() method. Add functionality to reset generating Armstrong number from zero. In case, Armstrong number goes above one thousand then throw an error.

**Refer AssignmentQ3.html, AssignmentQ3.ts, AssignmentQ3.js files**

1. **Collections:** Using Set & Map, create a static data for chatting application. Here we have 2 chatrooms, every chatroom is having 3 users & every user has posted different messages in a chat room. Note that one user can belong to a single chat room only. Now you need to find out how you will hold this data using Set & Map data structures. Also add functionality to get list of all users from a specific chatroom & listing down all message from a chatroom.

**Refer AssignmentQ4.html, AssignmentQ4.ts, AssignmentQ4.js files**