***Prime Multiplication***

GitHub Link: <https://github.com/VrushaliPatil17/Prime_Multiplication.git>

Program to print out a multiplication table of the first N prime numbers

**Use:**

step 1: Download and run *npm install* to install all dependencies

step 2: run *npm install mocha -g* to run test cases successfully

step 3: Run the program from cmd using command - *node main.js* OR *node main.js N*

default value of N is 10;

step 4: Run *mocha test*

**Description :**

The code executes and gives the multiplication table for N prime numbers (default 10). I have used the separate files for different functionalities.

***Main.js*** takes the user input and return (stdout) the result by taking products of each row and column combination.

***Table.js*** used for displaying the contents i.e. multiplied values in the tabular form.

***Prime.js*** used to identify if the N (user input) is a valid positive integer and if yes, then find the first N prime numbers or multiplication process.

Here, I have developed test cases using TDD approach and used Mocha testing in ***test.js*** file.

Run *mocha test* to check the test cases