1. Node js only use a single thread because it can handle task asynchronously
2. Node js handle request just like a waitress where it can serve multiple task while waiting the server to send responses
3. We can use multiple thread by using worker\_thread module, that way node js can execute Js operations in parallel
4. Node Stream is a fundamental concept of Node js, it can split the data into smaller piece into buffer then processed. This process minimizes the use of memory resource
5. ReadFile load the entire file, while createReadStream into specified chunk sizes which can reduces the client wait time
6. Schema can be split into multiple files by exporting a constant variable and then merging it with an array
7. To make custom data type we can use scalar and define how the logic work, which can then be use in the schema.
8. Loader is a tool to batch a multiple request from backend which are collected over a short period of time and then dispatch in a single request
9. Normalized data in mongodb can compact, easy and consistent, but the downside is its data collection will be large and it has to make multiple request
10. First we have to start the instance of mongodb, second we have to configure the replica set wich contain multiple instances to communicate, lastly we can start the replication process with rs.initiate()