1. Restrict user per hits . if any user hit an api again and again then server goes down we use throttling or other techniques to resolve this.  
   <https://stackoverflow.com/questions/20253425/throttle-and-queue-up-api-requests-due-to-per-second-cap>  
   https://blog.logrocket.com/rate-limiting-node-js/
2. <https://httpstatuses.com/> responses
3. **validation library:**  
   There are multiple validation libraries . but this one is good **joi**  
   <https://www.npmjs.com/package/joi>  
   another one  
   <https://www.npmjs.com/package/validator>
4. **Send mail to users: node mailer**https://www.w3schools.com/nodejs/nodejs\_email.asp
5. Query Params Vs Path Params

**A path Params**, which contains data, usually organized in hierarchical form, that appears as a sequence of segments separated by slashes. its the part of url  
**An optional query**, separated from the preceding part by a question mark (?), containing a query string of non-hierarchical data.

1. Add remote url  
   <https://support.atlassian.com/bitbucket-cloud/docs/change-the-remote-url-to-your-repository/>
2. Problem: we want global function or variable which we can access in any file without exporting . we can get this if we write into app.js or index.js .the things which we write into server’s file can access any where.