Possible reasons for errors

NOTE: These mistakes have to be taken care of while coding in the backend in general. You can refer to this anytime when you face an issue.

You may face errors/warnings/bugs due to many possible reasons. The most common mistakes that cause this are listed below. You can use this as a reference to cross-check if you made any of these mistakes.

1. The correct order/flow of acquiring and using libraries, setting template engine and static files, using middlewares, acquiring routes and triggering controllers, etc, is essential in the main index.js file. Pay attention to when it is told that a particular piece of code has to be written before/after some other code.

2. Maybe you added a function reference instead of a function call or vice versa.

3. Maybe you forgot to call the next() function in the custom-built middleware.

4. The order of writing arguments in the callback function, controller, etc has to be correct.
   For example, here the first argument of the function is request and the second one is the response. Maybe you're getting an error because you interchanged the two i.e. used res, req instead of req, res.
   ```
   module.exports.signin = function(req, res){
           // code
   };
   ```

5. Spelling mistake in function/variable name (eg when there's no auto-complete.)

6. Sometimes nodemon doesn't reflect changes in the website that occur in routes and controllers. Re-start the server for the same.

7. If the desired styling isn't loading ensure that the CSS stylesheet link attached to the .ejs file is `<link rel="stylesheet" href="/css/file_name.css">` and NOT `<link rel="stylesheet" href="./css/file_name.css">`.

   Look carefully at the file path. It should NOT be prefixed with a dot (.). This is happening because when you set your file path for the assets folder using

`app.use(express.static(path.join(__dirname, 'assets')));` it looks into the assets folder as './assets'. Now once the server enters the assets folder it further adds '/css/file_name.css' to this file path making it './assets/css/file_name.css'.

But if you define your file path as './css/file_name.css', after prefixing it with the assets folder it'll become './assets/.css/file_name.css'. And no such path exists hence CSS will not load.