

## Node.js Lab2

You will build part of small Nursery, the system will have only one administrator with static username and password, teachers and children. Teachers should register first, and administrator will add children to the system. Back end will be created as RESTFUL API with json responses with correct status code.

### Requirements :

- 1- Create nurserySystem project folder
- 2- Create package.json file for your project `npm init -y`
- 3- install express `npm i express --save`
- 4- install nodemon globally `npm i nodemon -g`
- 5- create app.js file and create express server, then open the server on port number 8080
- 6- Add script to json file `start:"nodemon app"` , then run the server using this script.
- 7- Create 4 middlewares on server
  - a- Middleware to write request url and method using `morgan` package (search for morgan on npm )
  - b- CORS middleware
  - c- General middleware for `not Found` url pathes with 404 status code.
  - d- One Error handling middleware that will catch all system Errors with 500 status code.