

Node.js Lab1

1-Initialize your first project environment and start adding packages

1- Create your project Folder and start adding project package.json file
`npm init` or `npm init -y`

2- add express package from npm as dependancies.

3- add morgan package from npm as devDependencies.

4- add a start script to your json fail with "node baseModule"

5- now remove your node_modules folder and try `npm install`

Note : try `npm install --production`

2- Best Practice to get understand How does node.js modules work?

A- Create car.js file that contains Car class with the following properties

- model (for example "pmw", "picanto" and so on)
- year
- override the toString method to return car's data model and year

Export the class as default module export

B- Create FlyCar.js that contains FlyingCar class that inherits Car class and has an additional property canFly(TRUE or False)

override toString method to return the parents' data in addition to "I can fly" or "I can't fly" depending on the flag value

Export the class using normal exports

C- Create base.js file that contains an instance of FlyinCar Class then print it's string value.

Finally: run base file using npm start