NodeJS – Console application

You must build a NodeJS console application that displays 3 options.

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL

PS C:\Users\Dewald Els\Desktop\es6> node index.js

Choose an option:
1. Read package.json
2. Display OS info
3. Start HTTP server
Type a number: █
```

1. Read package.json
This command should print the contents of the package.json file in the console window.

```
Choose an option:
1. Read package.json
2. Display OS info
3. Start HTTP server
Type a number: 1
Reading package.json file
{
  "name": "es6",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC"
}
```
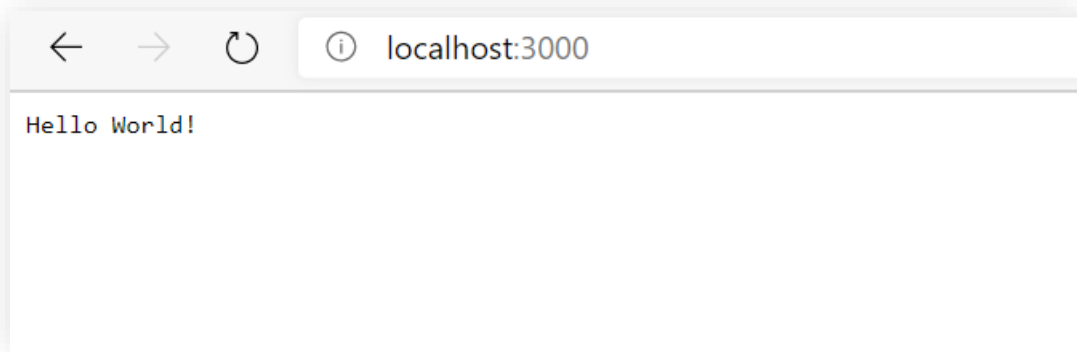
2. Display OS info

This command must print the OS information to the console window. The information required can be see in the screenshot below:

```
Choose an option:
1. Read package.json
2. Display OS info
3. Start HTTP server
Type a number: 2
Getting OS info...
SYSTEM MEMORY 15.78 GB
FREE MEMORY:   8.33 GB
CPU CORES:   8
ARCH:   x64
PLATFORM:   win32
RELEASE:   10.0.18363
USER:   Dewald Els
```

3. Start HTTP Server

This command should start a new HTTP server on port 3000 and display "Hello World" when being accessed from a Browser.

```
1. Read package.json
2. Display OS info
3. Start HTTP server
Type a number: 3
Starting HTTP server...
listening on port 3000...
▮
```

localhost:3000

Hello World!

4. Choosing an invalid option (Not 1,2 or 3)

The console should print that an invalid option has been chosen.

Learning resources

Readline:
https://nodejs.org/docs/latest-v12.x/api/readline.html

OS Information
https://nodejs.org/docs/latest-v12.x/api/os.html

Starting a server:
https://nodejs.org/en/docs/guides/getting-started-guide/