

class 1:

A. Project Creation-----

1. project create => name of the project
2. for windows use cmd and windows powershell
3. nodejs project download :> npm init
4. first package name => by default folder name and changed to others name
5. version
- 6.description
- 7.entry point: hit the project and we change the name
- 8.author
- 9.licence by default isc Or MIT

B. after installing node js-----

- 1.package.json=> project introduction and details, author nmae all are included here
- 2.create file server.js
- 3.file run on cmd=> node server.js

C. node js module -----

1. node.js([google.com](https://nodejs.org/))
- 2.docs > node.js > file system >

D.external module-----

1. npm.js.com > cli-color > install process> npm i cli-color>
2. after install change package.json and add dependencies(third-party)
- 3.update package.lock.json > meaning dependency and its internal dependency
- 4.node modules=> jei dependency niyechi tar code ta amader node modules a ase
- 5.

E. core module -----

1.core module amader install korte hay na by default they are already exist
and not to uninstalled

F.path module-----

1. external or path module needs to installed and also uninstalled (npm uninstall cli-color)

G.dir name and file name----->

1.console.log(__dirname)

=>return upto parent folder path location shown

2.console.log(__filename)

=> return upto file path location

H.installing nodemon(directly run on cmd)----->

1.cmd=> npm i nodemon

2.setup=> "start":"nodemon server.js"

////////////////////////////////////

1. find project file name:

=> const path = require('path')

console.log("file name", path.basename(__filename))

2. find extension name:

=>console.log("extension name", path.extname(__filename))

3.parse :

=>let myParse = path.parse(__filename)

console.log("parse is",myParse)

it returned all details in a object form (inside root,dir,base, ext, name)

```
=> console.log("join=>",path.join(__dirname,'class/part2'))
```

```
const fs = require('fs')
```

```
fs.mkdir(path.join(__dirname,'class'),err=>{
```

```
console.log("folder already exist")
```

```
console.log(err);
```

```
return;
```

}

```
console.log("folder created sucessfully")
```

}

```
=> fs.writeFile(path.join(__dirname, 'class', 'fileName.txt'), 'text 2nd parameter', err=>{
```

```
if(err){
```

```
console.log(err)
```

```
return;
```

}

```
console.log("File created sucessfully")
```

})

7.read the file

