

## Assignment-1

### Create an API to collect data from URL using Node and Express

Run the commands in the respective folders in the command prompt

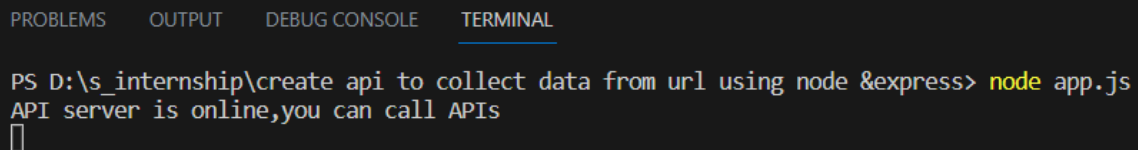
```
npm install express --save
```

```
npm install mongodb --save
```

source code:

```
const express=require('express');
const url=require('url');
var api=express()
api.get('/',function(request,response){
  response.send("API server is online")
})
api.get('/data',function(request,response){
  urldata=url.parse(request.url,true);
  var name=urldata.query.name;
  var rollno=urldata.query.rollno;
  console.log(name,rollno);
  var result='your name is ' + name + ' your rollno is ' + rollno;
  response.send(result);
})
api.listen(2000,function(){
  console.log('API server is online,you can call APIs')
})
```

Output:





The screenshot shows a terminal window with tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, and TERMINAL. The TERMINAL tab is active, showing the command prompt PS D:\s\_internship\create api to collect data from url using node & express> and the execution of node app.js. The output is API server is online,you can call APIs, followed by a cursor.

```
PS D:\s_internship\create api to collect data from url using node & express> node app.js
API server is online,you can call APIs
█
```

Now, open the postman tool app. And paste the link of the server <http://127.0.0.1:2000/> and click on the send button.

GET http://127.0.0.1:2000/ + ...

 http://127.0.0.1:2000/  Add to collection


GET  Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

	Key	Value	Bulk Edit
	Key	Value	



Body Cookies Headers (7) Test Results Status: 200 OK Time: 12 ms Size: 248 B Save Response

Pretty Raw Preview Visualize HTML 

1 API server is online

Now call the “/data” handler

GET http://127.0.0.1:2000/data + ...

 http://127.0.0.1:2000/data?name=Ammu&rollno=83  Add to collection


GET  Send

Params ● Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

	Key	Value	Bulk Edit
<input checked="" type="checkbox"/>	name	Ammu	
<input checked="" type="checkbox"/>	rollno	83	
	Key	Value	

Body Cookies Headers (7) Test Results Status: 200 OK Time: 7 ms Size: 263 B Save Response

Pretty Raw Preview Visualize HTML 

1 your name is Ammu your rollno is 83