

Week4 portfolio exercise:-

In today week lab there are total 3 tutorial exercises, in the first exercise we have to make express hello application by using node.js which will use express module and will forward port to localhost/5000 in chrome where user can see output. In exercise2 using app.get method it will print user id and book id. In exercise3 user have to input student information by creating student.info file and by using app.get method in index.js file which will retrieve all the data from student.info and will show in port localhost/5000/Getstudent. Lastly in exercise 4 user have to create an submission form using post method by using html.

In this activity the challenging part was to create html form using post method and then append it with index.js file as we are creating this for first time so it was little bit tricky to create buttons and checkbox after understanding the concept it was easy to implement in the code.

Exercise1: express hello application

```
hello it is my first express application
```

Exercise2: express application , userid and bookid

This is basic express application

```
{
  "userId": "33",
  "bookId": "123"
}
```

Exercise3: getstudent information and HTML form

Getstudentis1:

```
{
  "status": true,
  "Status_Code": 200,
  "requrl": "/GetStudents",
  "request Method": "GET",
  "studentdata": {
    "Student1": {
      "name": "Jonhthon",
      "Age": "33",
      "Qualification": "BSC",
      "Email": "std123@gm.com",
      "id": 1
    },
    "Student2": {
      "name": "David",
      "Age": "23",
      "Qualification": "HNC",
      "Email": "Abc@gm.com",
      "id": 2
    },
    "Student3": {
      "name": "Emily",
      "Age": "25",
      "Qualification": "A-level",
      "Email": "email@gm.com",
      "id": 3
    }
  }
}
```

Getstudentid2:

```
{"name":"Jonhthn","Age":"33","Qualification":"BSC","Email":"std123@gm.com","id":1}
```

Getstudentid3:

```
{"name":"David","Age":"23","Qualification":"HNC","Email":"Abc@gm.com","id":2}
```

Getstudentid4:

```
{"name":"Emily","Age":"25","Qualification":"A-level","Email":"email@gm.com","id":3}
```

Getstudentinfo HTML Form:

Student Details
First Name:
Last Name :
Email:
Age :
Please select your gender:
☒ **Male**
☐ **Female**
☐ **Other**
Qualifications
☐ **GCSE**
☐ **A- level**
☐ **Higher National Certificate/Level 4**
☐ **Foundation Degree/HND/DipHE/Level 5**
☒ **Bachelor Degree/Graduate diploma or Certificate/Level 6**
☐ **Master Degree/PGCE/Level7**
☐ **PhD/Level8**

```
{  
  "status": true,  
  "message": "form Details",  
  "data": {  
    "name": "Zeel Vaghasiya ",  
    "age": "19 Gender: male",  
    "Qualification": "QualificationB.Sc"  
  }  
}
```

