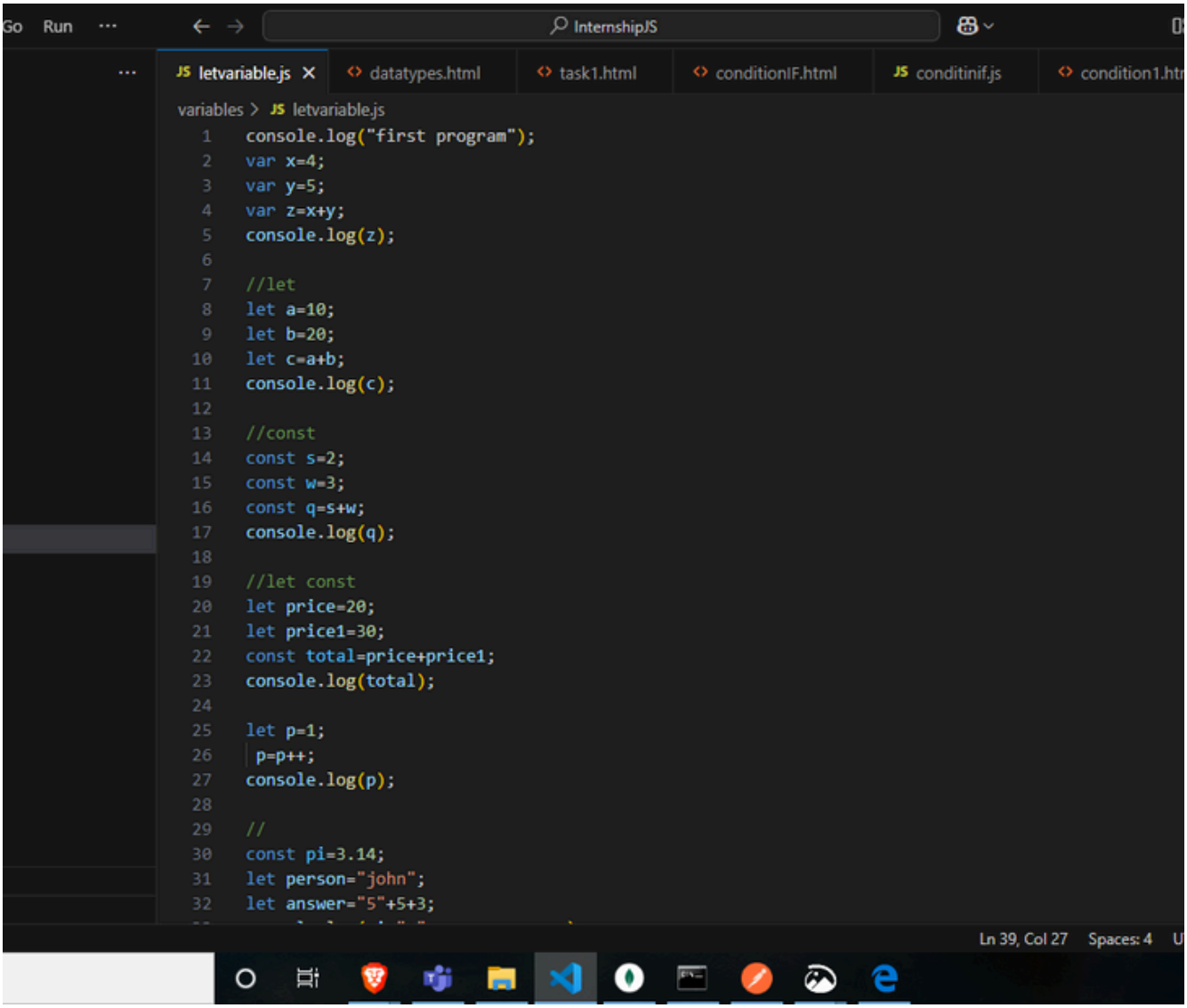
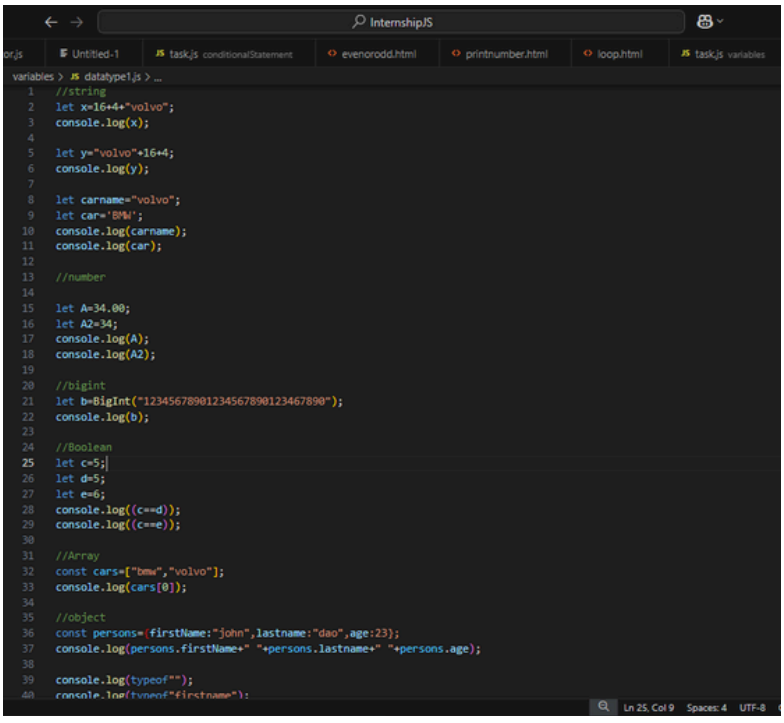
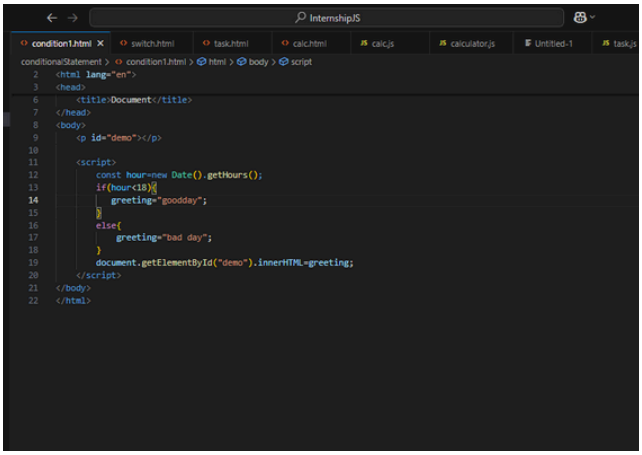
1 july 2025(variable , Datatype,operations)

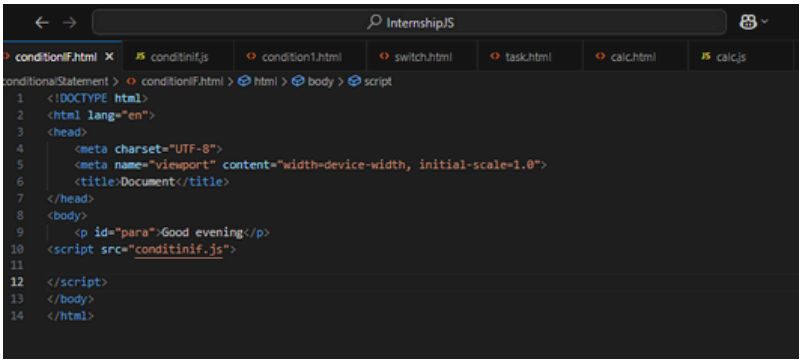

Go Run
InternshipJS
letvariable.js
datatypes.html
task1.html
conditionIF.html
conditinif.js
condition1.htr
variables > letvariable.js
1 console.log("first program");
2 var x=4;
3 var y=5;
4 var z=x+y;
5 console.log(z);
6
7 //let
8 let a=10;
9 let b=20;
10 let c=a+b;
11 console.log(c);
12
13 //const
14 const s=2;
15 const w=3;
16 const q=s+w;
17 console.log(q);
18
19 //let const
20 let price=20;
21 let price1=30;
22 const total=price+price1;
23 console.log(total);
24
25 let p=1;
26 p=p++;
27 console.log(p);
28
29 //
30 const pi=3.14;
31 let person="john";
32 let answer="5"+5+3;
Ln 39, Col 27
Spaces: 4


InternshipJS
Untitled-1
task.js conditionalStatement
evenorodd.html
printnumber.html
loop.html
task.js variables
variables > datatype1.js > ...
1 //string
2 let x=16+4+"volvo";
3 console.log(x);
4
5 let y="volvo"+16+4;
6 console.log(y);
7
8 let carname="volvo";
9 let car='BMW';
10 console.log(carname);
11 console.log(car);
12
13 //number
14
15 let A=34.00;
16 let A2=34;
17 console.log(A);
18 console.log(A2);
19
20 //bigint
21 let b=BigInt("12345678901234567890123467890");
22 console.log(b);
23
24 //Boolean
25 let c=5;
26 let d=5;
27 let e=6;
28 console.log((c==d));
29 console.log((c==e));
30
31 //Array
32 const cars=["bmw","volvo"];
33 console.log(cars[0]);
34
35 //object
36 const persons={firstName:"john",lastname:"dao",age:23};
37 console.log(persons.firstName+" "+persons.lastname+" "+persons.age);
38
39 console.log(typeof"");
Ln 25, Col 9
Spaces: 4
UTF-8

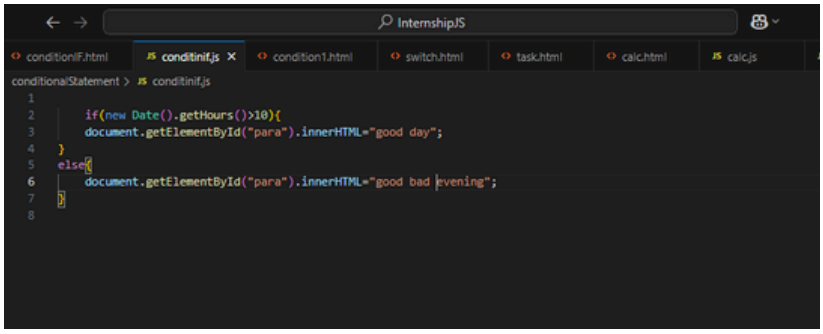
2 july 2025(conditional statement,loop,logical operator,program:odd or even and voter age)



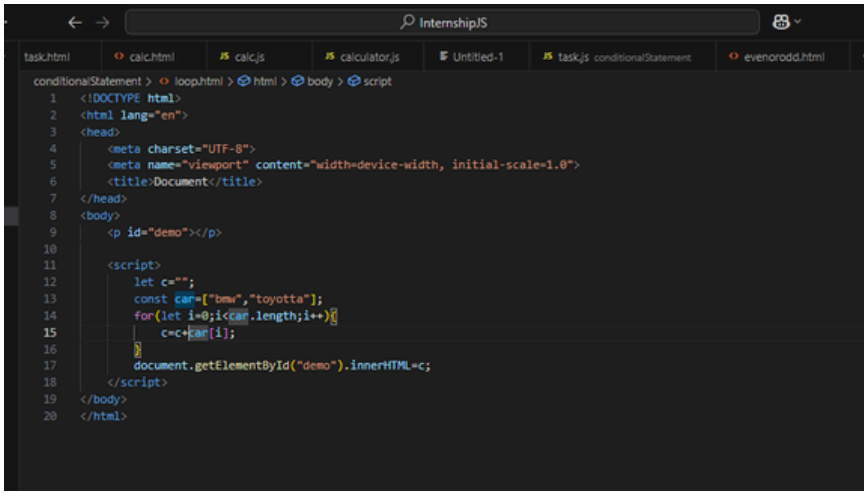
```
<html lang="en">
<head>
    <title>Document</title>
</head>
<body>
    <p id="demo"></p>

    <script>
        const hour=new Date().getHours();
        if(hour<18){
          greeting="goodday";
        }
        else{
            greeting="bad day";
        }
        document.getElementById("demo").innerHTML=greeting;
    </script>
</body>
</html>
```



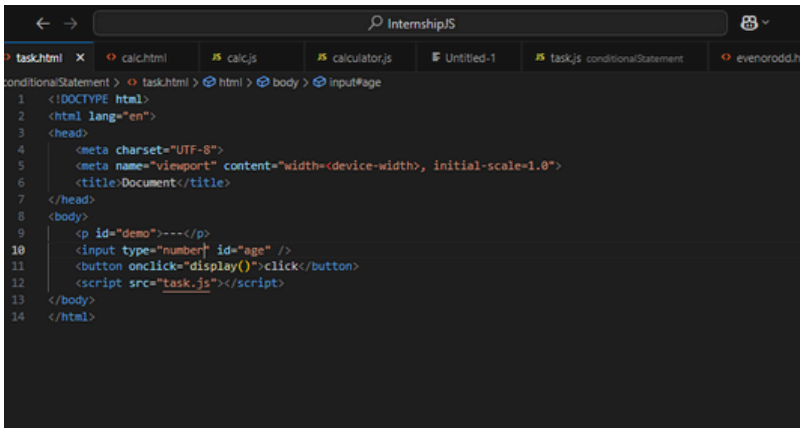
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <p id="para">Good evening</p>
<script src="conditinif.js">

</script>
</body>
</html>
```



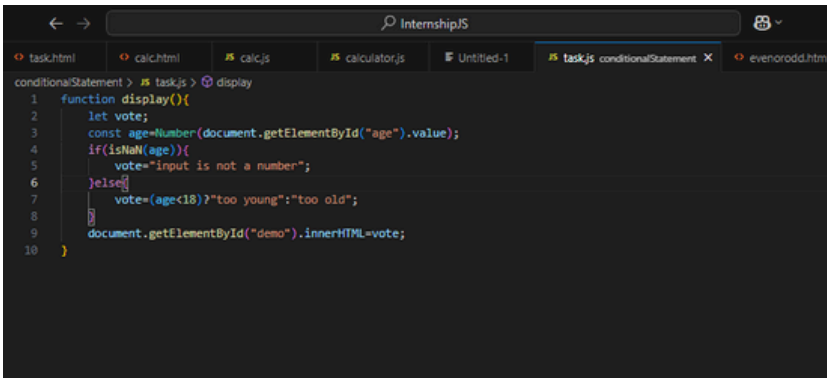
```
    if(new Date().getHours()>10){
    document.getElementById("para").innerHTML="good day";
}
else{
    document.getElementById("para").innerHTML="good bad evening";
}
```



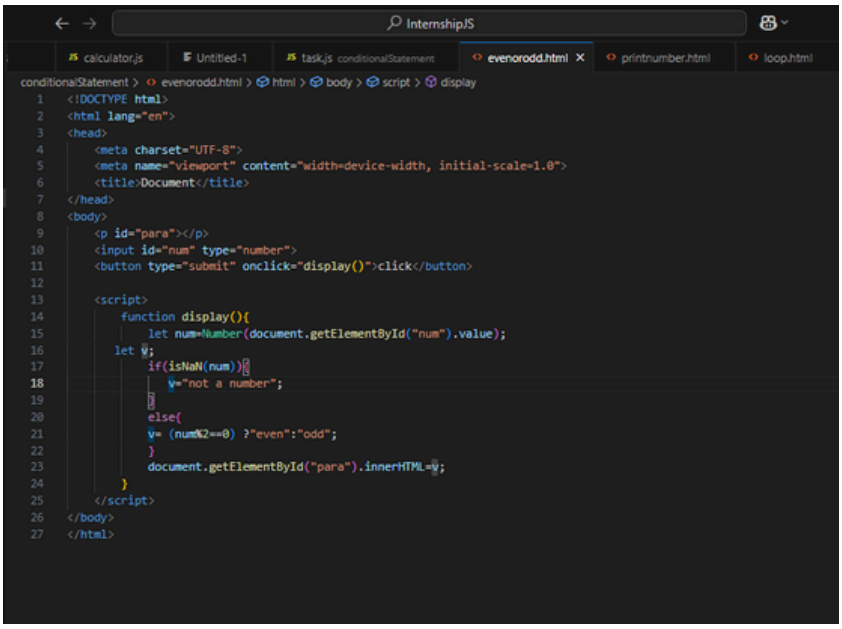
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <p id="demo"></p>

    <script>
        let c="";
        const car=["bmw","toyotta"];
        for(let i=0;i<car.length;i++){
            c=c+car[i];
        }
        document.getElementById("demo").innerHTML=c;
    </script>
</body>
</html>
```



```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <p id="demo">---</p>
    <input type="number" id="age" />
    <button onclick="display()">click</button>
    <script src="task.js"></script>
</body>
</html>
```

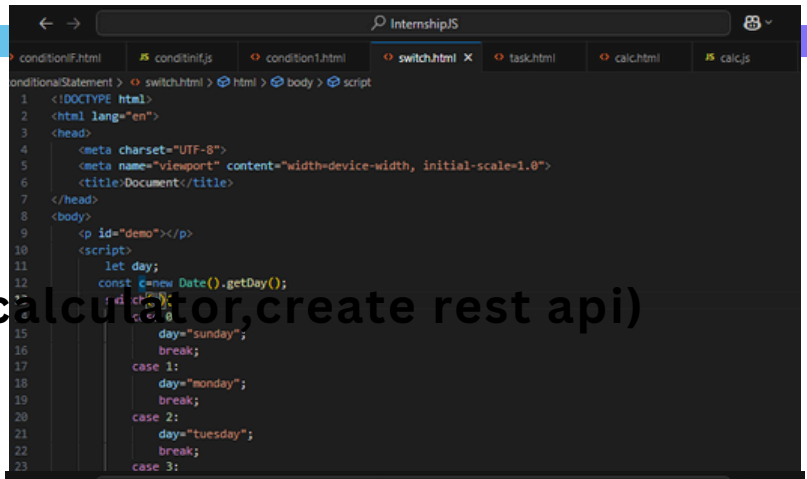


```
function display(){
    let vote;
    const age=Number(document.getElementById("age").value);
    if(isNaN(age)){
        vote="input is not a number";
    }else{
        vote=(age<18)?"too young":"too old";
    }
    document.getElementById("demo").innerHTML=vote;
}
```

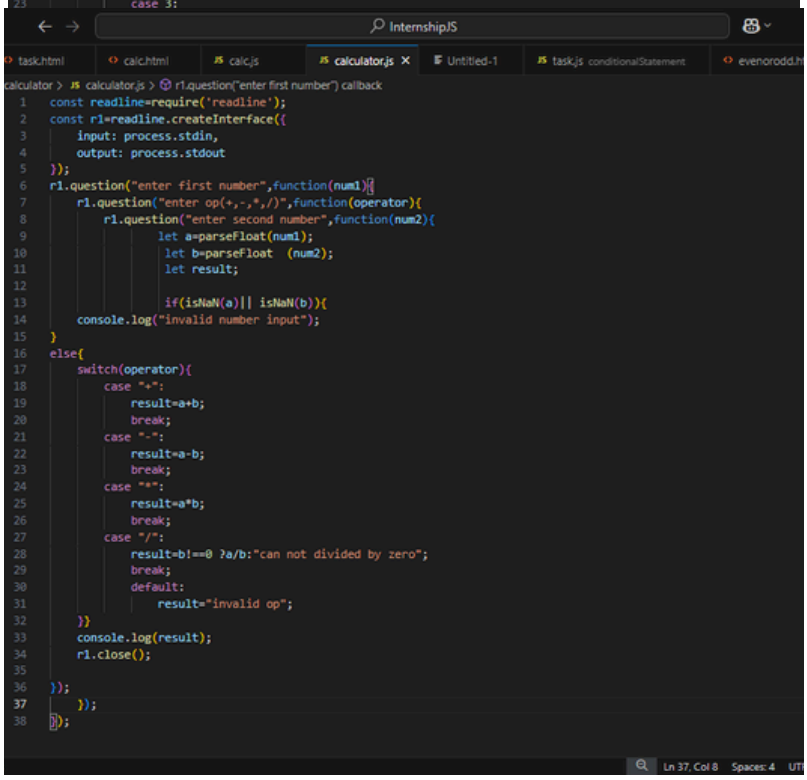


```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <p id="para"></p>
    <input id="num" type="number">
    <button type="submit" onclick="display()">click</button>

    <script>
        function display(){
            let num=Number(document.getElementById("num").value);
        let v;
            if(isNaN(num)){
                v="not a number";
            }
            else{
            v= (num%2==0) ?"even":"odd";
            }
            document.getElementById("para").innerHTML=v;
        }
    </script>
</body>
</html>
```

3 july 2025(calculator,create rest api)

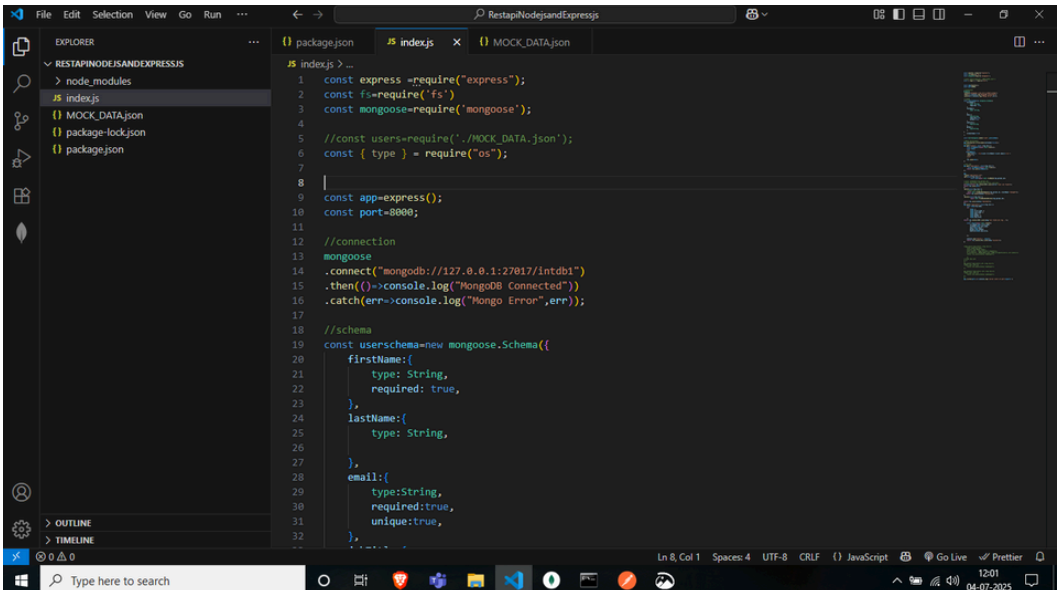


```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <p id="demo"></p>
    <script>
        let day;
        const d=new Date().getDay();
        switch(d){
            case 0:
                day="sunday";
                break;
            case 1:
                day="monday";
                break;
            case 2:
                day="tuesday";
                break;
            case 3:
```

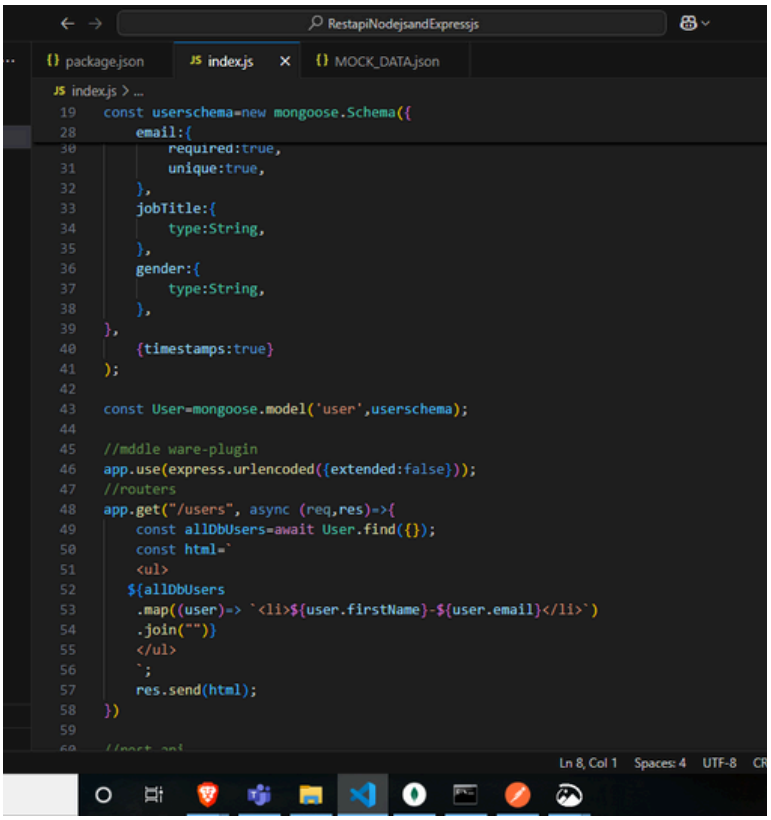


```
const readline=require('readline');
const rl=readline.createInterface({
    input: process.stdin,
    output: process.stdout
});
rl.question("enter first number",function(num1){
    rl.question("enter op(+,-,*,/)",function(operator){
        rl.question("enter second number",function(num2){
                let a=parseFloat(num1);
                let b=parsefloat  (num2);
                let result;

                if(isNaN(a)|| isNaN(b)){
    console.log("invalid number input");
}
else{
    switch(operator){
        case "+":
            result=a+b;
            break;
        case "-":
            result=a-b;
            break;
        case "*":
            result=a*b;
            break;
        case "/":
            result=b!==0 ?a/b:"can not divided by zero";
            break;
            default:
                result="invalid op";
    }}
    console.log(result);
    rl.close();

});
    });
});
```

4 july 2025(Mongo db integration+create rest api)

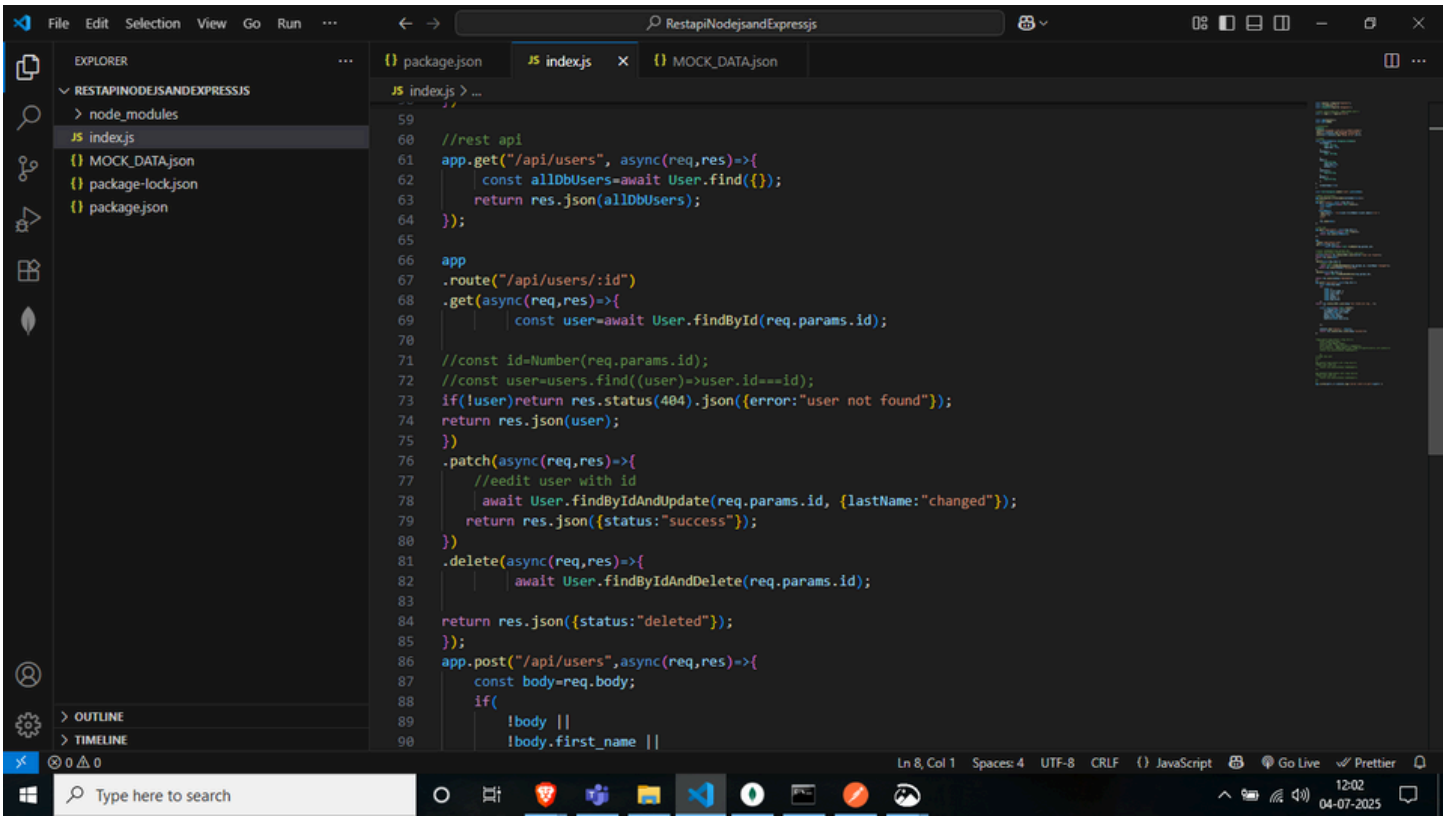


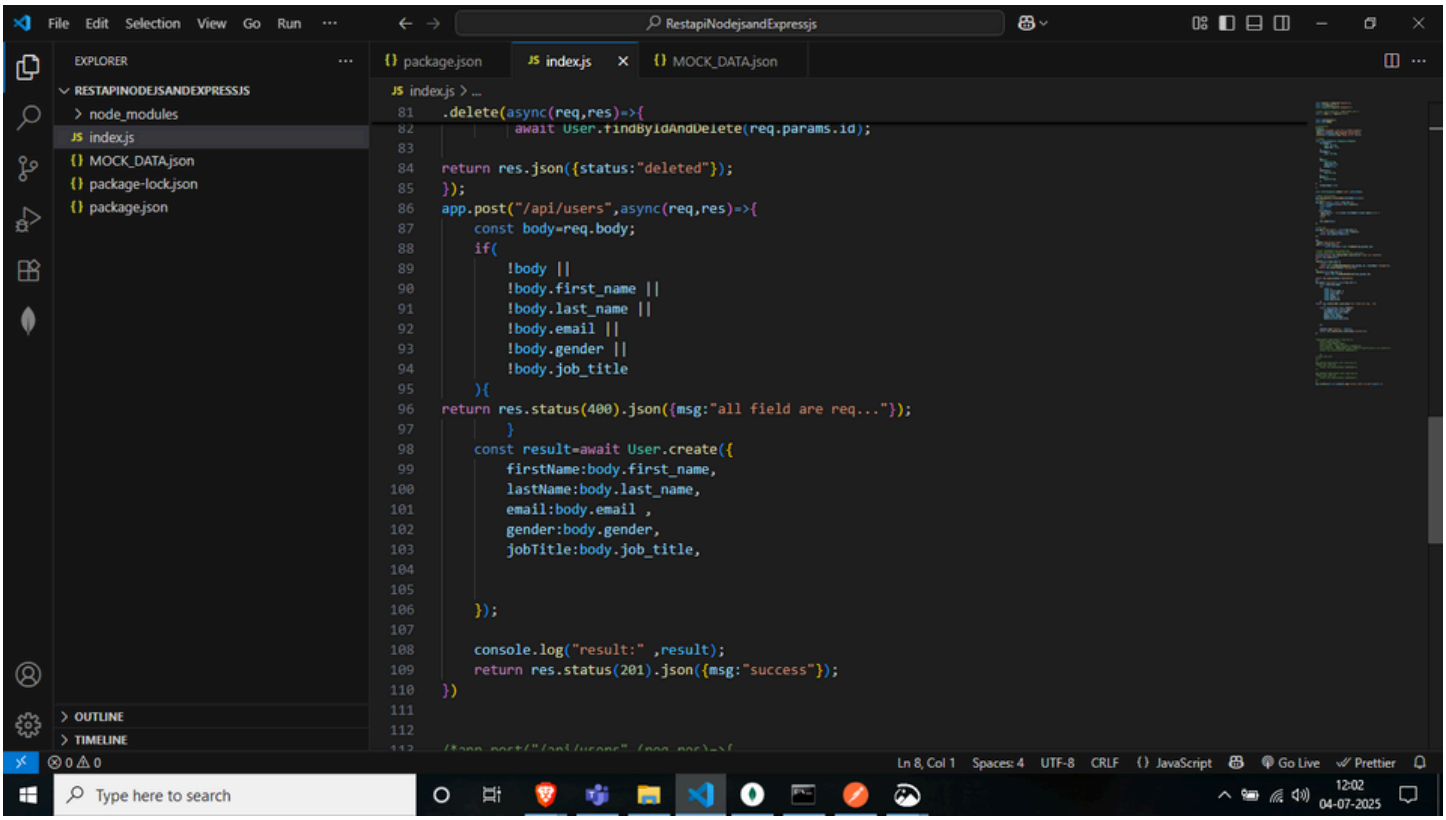
```
const express =require("express");
const fs=require('fs')
const mongoose=require('mongoose');

//const users=require('./MOCK_DATA.json');
const { type } = require("os");

const app=express();
const port=8000;

//connection
mongoose
.connect("mongodb://127.0.0.1:27017/intdb1")
.then(()=>console.log("MongoDB Connected"))
.catch(err=>console.log("Mongo Error",err));

//schema
const userschema=new mongoose.Schema({
    firstName:{
        type: String,
        required: true,
    },
    lastName:{
        type: String,

    },
    email:{
        type:String,
        required:true,
        unique:true,
    },
```


RestapiNodejsandExpressjs
package.json
index.js
MOCK_DATA.json
index.js > ...
const userschema=new mongoose.Schema({
email:{
required:true,
unique:true,
},
jobTitle:{
type:String,
},
gender:{
type:String,
},
},
{timestamps:true}
);
const User=mongoose.model('user',userschema);
//mddle ware-plugin
app.use(express.urlencoded({extended:false}));
//routers
app.get("/users", async (req,res)=>{
const allDbUsers=await User.find({});
const html=`

${allDbUsers
.map((user)=> `<li>${user.firstName}-${user.email}</li>`)
.join("")}

`;
res.send(html);
})
Ln 8, Col 1
Spaces: 4
UTF-8


File Edit Selection View Go Run
RestapiNodejsandExpressjs
EXPLORER
RESTAPINODEJSANDEXPRESSJS
node_modules
index.js
MOCK_DATA.json
package-lock.json
package.json
OUTLINE
TIMELINE
package.json
index.js
MOCK_DATA.json
index.js > ...
//rest api
app.get("/api/users", async(req,res)=>{
const allDbUsers=await User.find({});
return res.json(allDbUsers);
});
app
.route("/api/users/:id")
.get(async(req,res)=>{
const user=await User.findById(req.params.id);
//const id=Number(req.params.id);
//const user=users.find((user)=>user.id===id);
if(!user)return res.status(404).json({error:"user not found"});
return res.json(user);
})
.patch(async(req,res)=>{
//eedit user with id
await User.findByIdAndUpdate(req.params.id, {lastName:"changed"});
return res.json({status:"success"});
})
.delete(async(req,res)=>{
await User.findByIdAndDelete(req.params.id);
return res.json({status:"deleted"});
});
app.post("/api/users",async(req,res)=>{
const body=req.body;
if(
!body ||
!body.first_name ||
Ln 8, Col 1
Spaces: 4
UTF-8
CRLF
JavaScript
Go Live
Prettier
Type here to search
12:02
04-07-2025


File Edit Selection View Go Run
RestapiNodejsandExpressjs
EXPLORER
RESTAPINODEJSANDEXPRESSJS
node_modules
index.js
MOCK_DATA.json
package-lock.json
package.json
package.json
index.js
MOCK_DATA.json
index.js > ...
.delete(async(req,res)=>{
await User.findByIdAndDelete(req.params.id);
return res.json({status:"deleted"});
});
app.post("/api/users",async(req,res)=>{
const body=req.body;
if(
!body ||
!body.first_name ||
!body.last_name ||
!body.email ||
!body.gender ||
!body.job_title
){
return res.status(400).json({msg:"all field are req..."});
}
const result=await User.create({
firstName:body.first_name,
lastName:body.last_name,
email:body.email ,
gender:body.gender,
jobTitle:body.job_title,
});
console.log("result:" ,result);
return res.status(201).json({msg:"success"});
})
OUTLINE
TIMELINE
Ln 8, Col 1
Spaces: 4
UTF-8
CRLF
JavaScript
Go Live
Prettier
Type here to search
12:02
04-07-2025