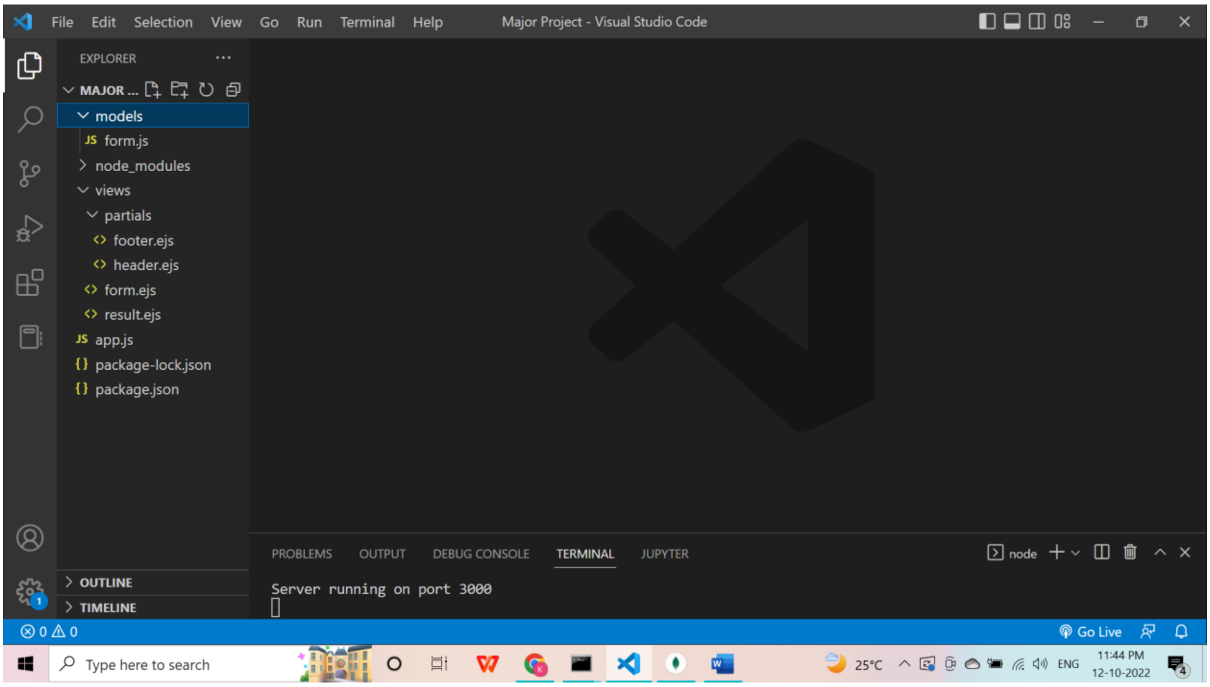
MAJOR PROJECT

MongoDB with Nodejs August Major Project

-Submitted by:ASHALI KISHORE

Email: ashalikishore@gmail.com

FILE STRUCTURE:



File Edit Selection View Go Run Terminal Help
Major Project - Visual Studio Code
EXPLORER
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
node
OUTLINE
TIMELINE
Go Live
Type here to search
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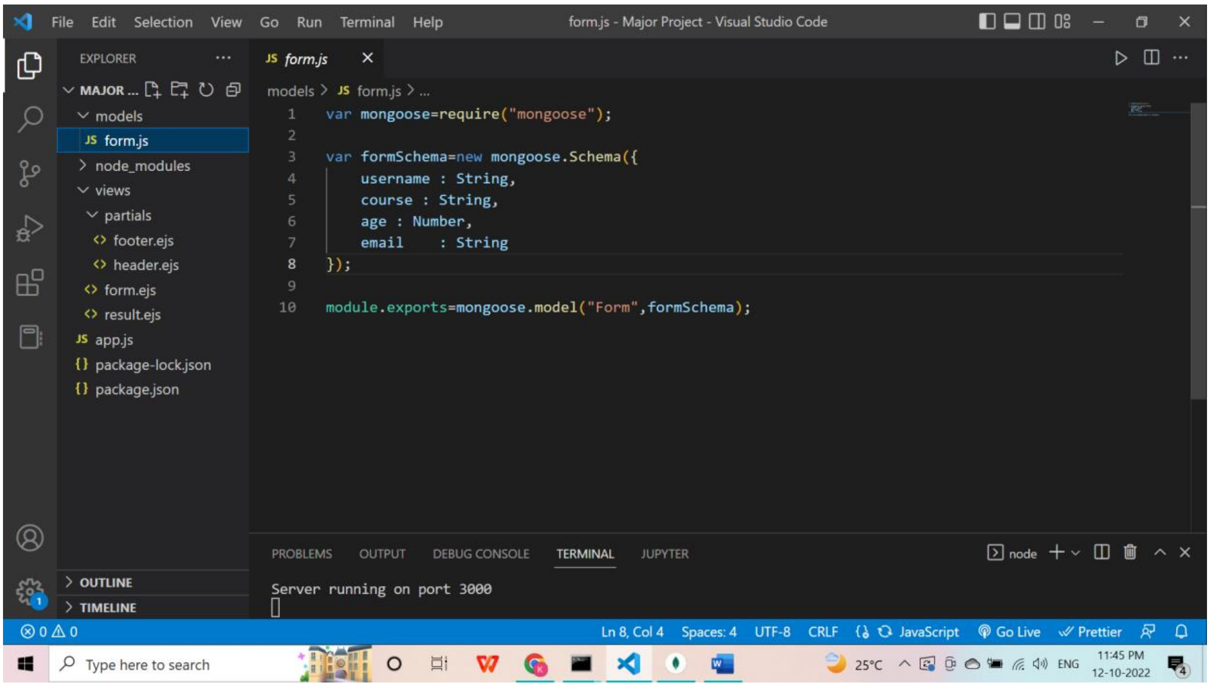
```
MAJOR ...
  models
    form.js
  node_modules
  views
    partials
      footer.ejs
      header.ejs
    form.ejs
    result.ejs
  app.js
  package-lock.json
  package.json
```

```
Server running on port 3000
```

form.js:



File Edit Selection View Go Run Terminal Help
form.js - Major Project - Visual Studio Code
EXPLORER
form.js
models > form.js > ...
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
node
OUTLINE
TIMELINE
Ln 8, Col 4 Spaces: 4 UTF-8 CRLF JavaScript Go Live Prettier
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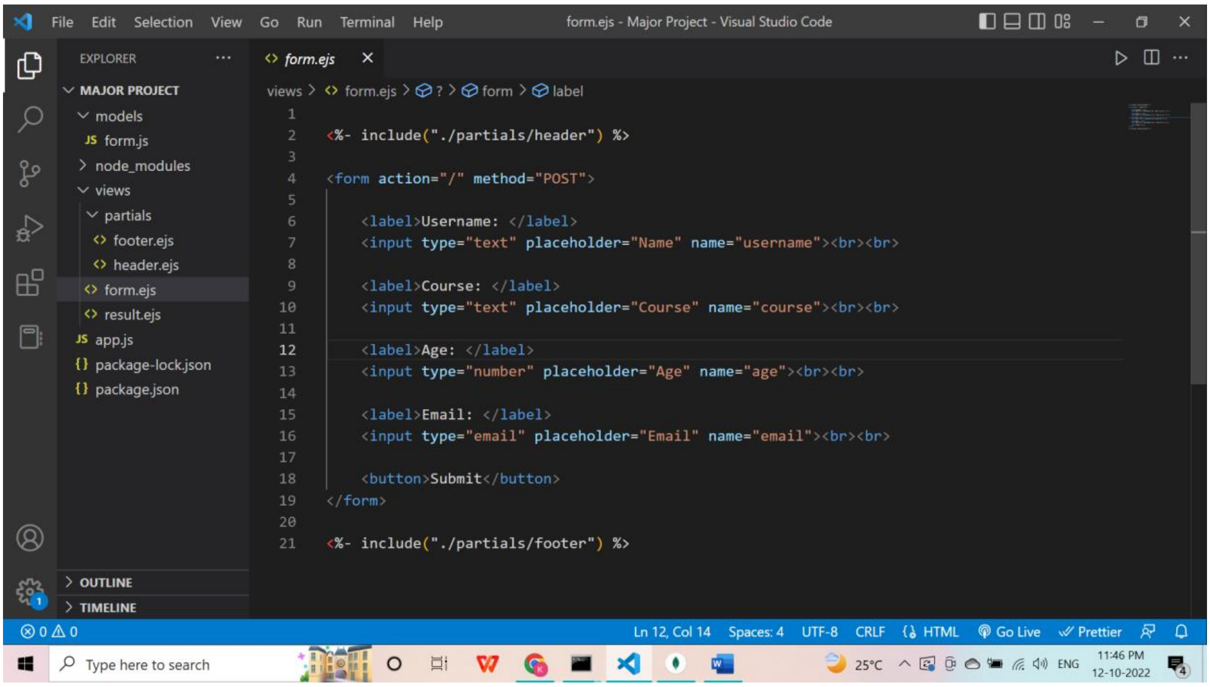
```javascript
var mongoose=require("mongoose");

var formSchema=new mongoose.Schema({
    username : String,
    course : String,
    age : Number,
    email    : String
});

module.exports=mongoose.model("Form",formSchema);
```

```
Server running on port 3000
```

form.ejs:



File Edit Selection View Go Run Terminal Help
form.ejs - Major Project - Visual Studio Code
EXPLORER
MAJOR PROJECT
models
form.js
node_modules
views
partials
footer.ejs
header.ejs
form.ejs
result.ejs
app.js
package-lock.json
package.json
OUTLINE
TIMELINE
views > form.ejs > ? > form > label
Ln 12, Col 14 Spaces: 4 UTF-8 CRLF HTML Go Live Prettier
Type here to search
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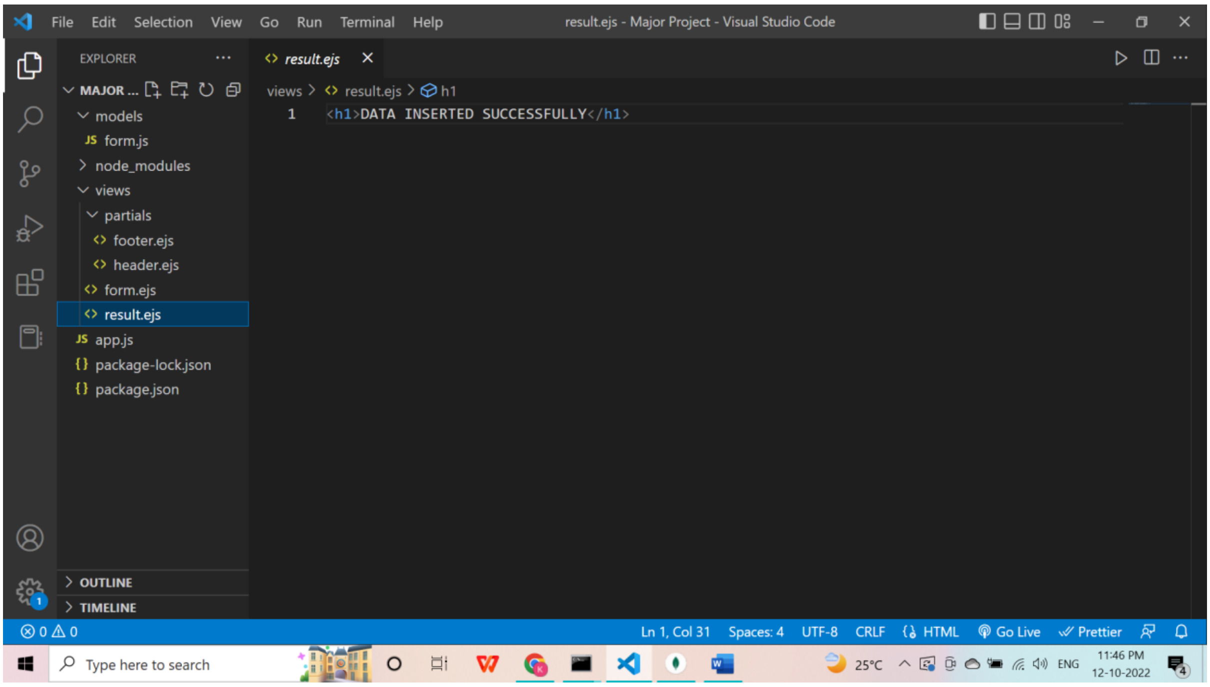
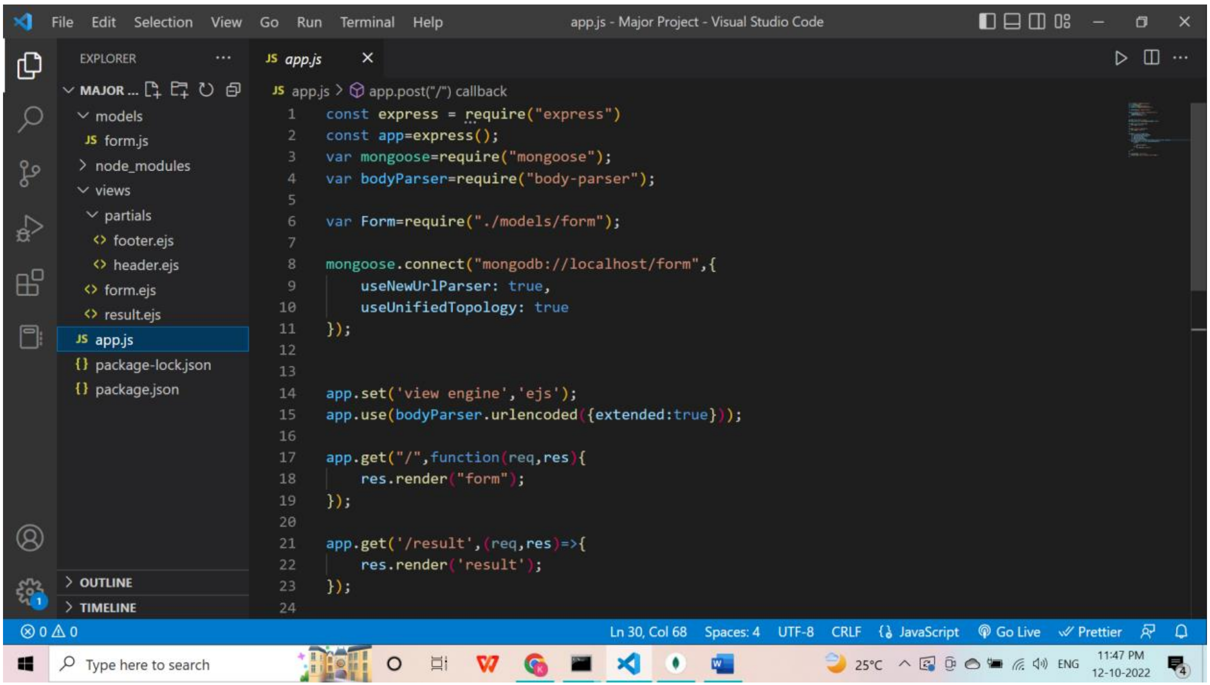
```

<%- include("./partials/header") %>

<form action="/" method="POST">

    <label>Username: </label>
    <input type="text" placeholder="Name" name="username"><br><br>

    <label>Course: </label>
    <input type="text" placeholder="Course" name="course"><br><br>

    <label>Age: </label>
    <input type="number" placeholder="Age" name="age"><br><br>

    <label>Email: </label>
    <input type="email" placeholder="Email" name="email"><br><br>

    <button>Submit</button>
</form>

<%- include("./partials/footer") %>
```

result.ejs:

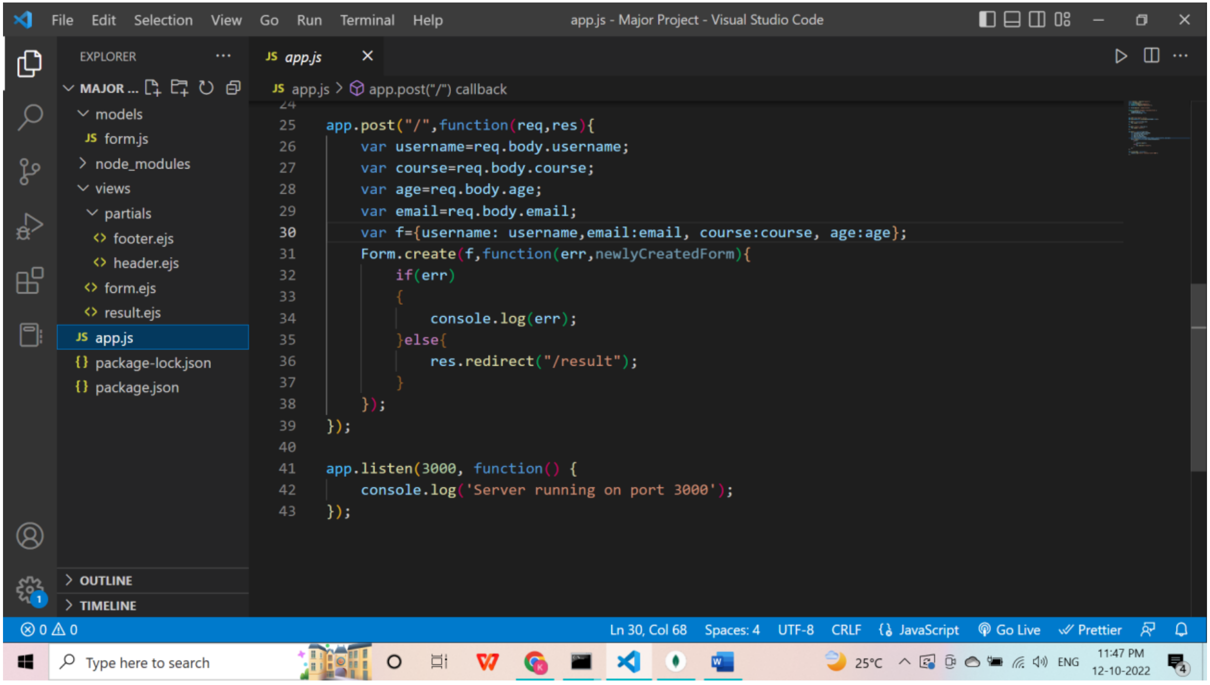


```
<h1>DATA INSERTED SUCCESSFULLY</h1>
```

app.js:

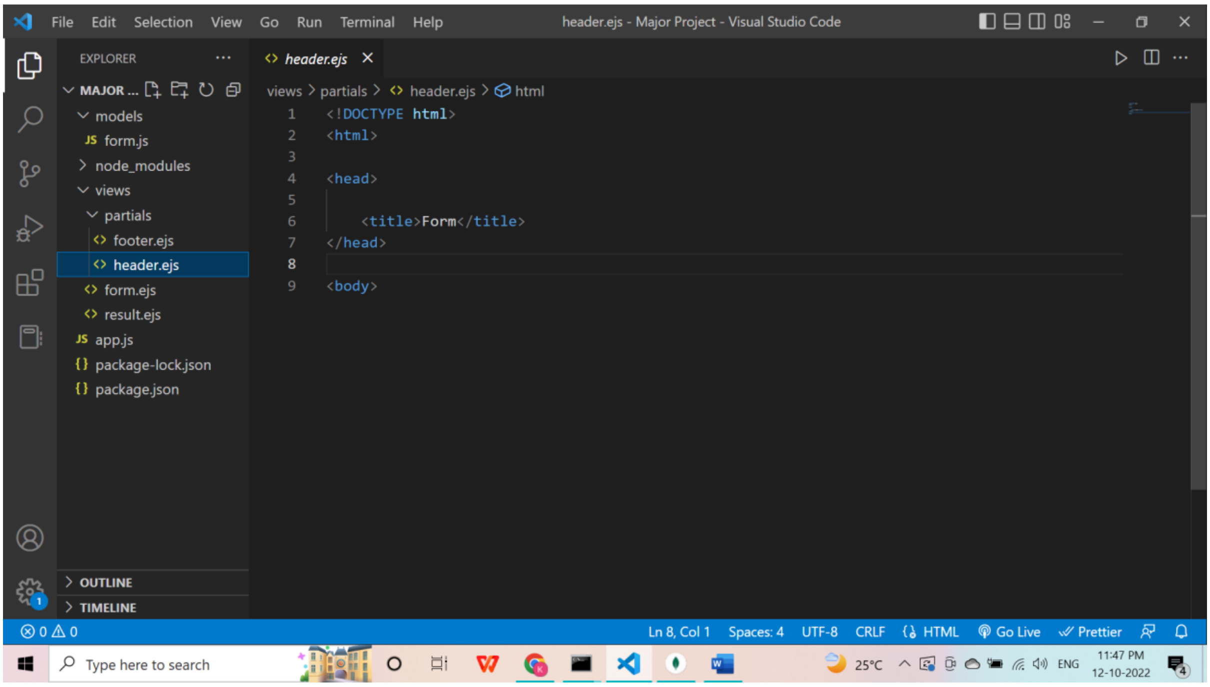


```
const express = require("express")
const app=express();
var mongoose=require("mongoose");
var bodyParser=require("body-parser");

var Form=require("./models/form");

mongoose.connect("mongodb://localhost/form",{
    useNewUrlParser: true,
    useUnifiedTopology: true
});


app.set('view engine','ejs');
app.use(bodyParser.urlencoded({extended:true}));

app.get("/",function(req,res){
    res.render("form");
});

app.get('/result',(req,res)=>{
    res.render('result');
});

```



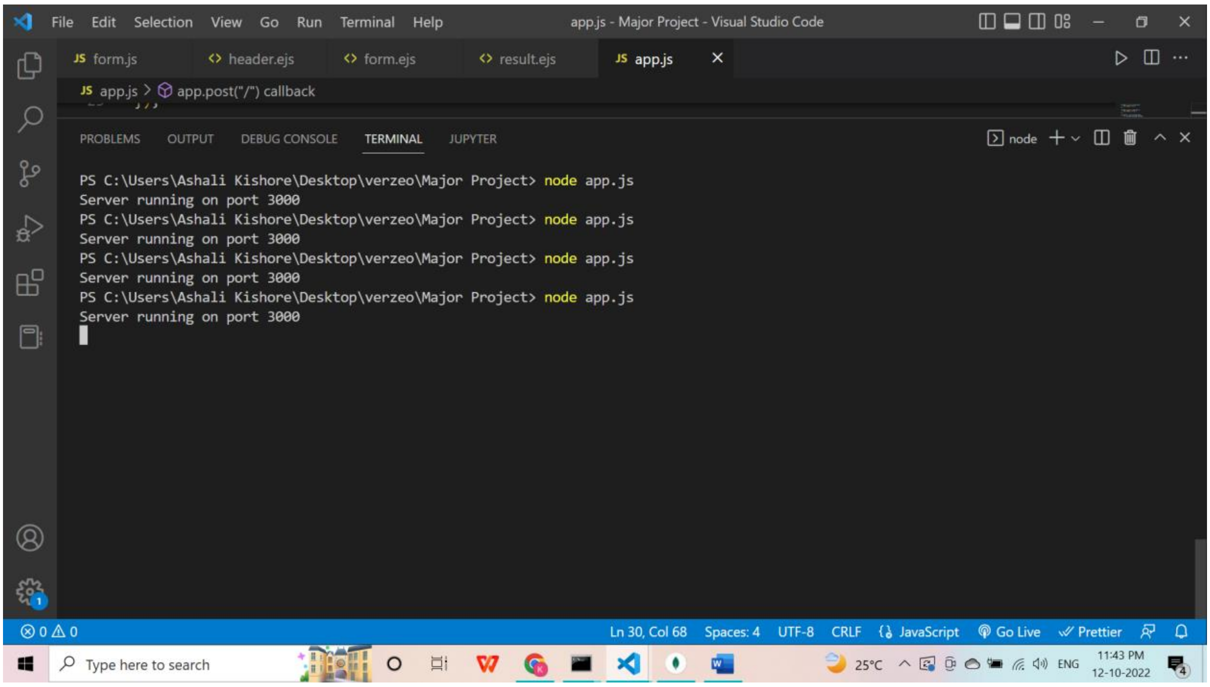
```
app.post("/",function(req,res){
    var username=req.body.username;
    var course=req.body.course;
    var age=req.body.age;
    var email=req.body.email;
    var f={username: username,email:email, course:course, age:age};
    Form.create(f,function(err,newlyCreatedForm){
        if(err)
        {
            console.log(err);
        }else{
            res.redirect("/result");
        }
    });
});

app.listen(3000, function() {
    console.log('Server running on port 3000');
});
```

header.js:



```
<!DOCTYPE html>
<html>

<head>

    <title>Form</title>
</head>

<body>
```

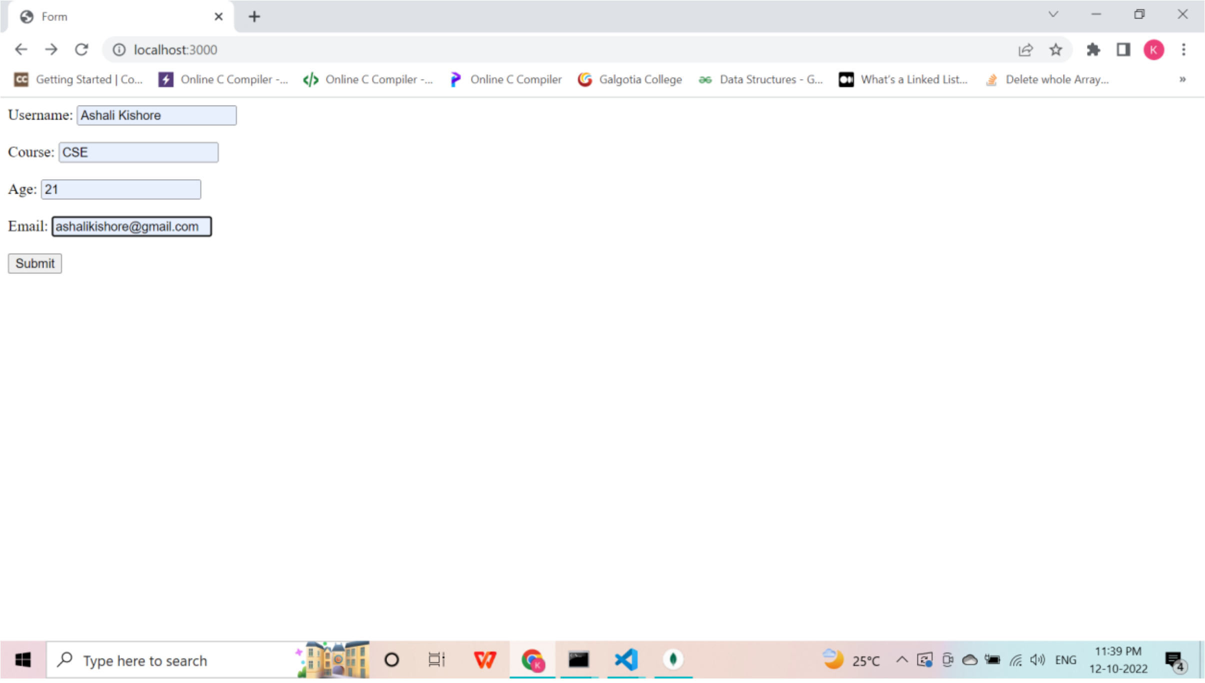
TERMINAL:



```
PS C:\Users\Ashali Kishore\Desktop\verzeo\Major Project> node app.js
Server running on port 3000
PS C:\Users\Ashali Kishore\Desktop\verzeo\Major Project> node app.js
Server running on port 3000
PS C:\Users\Ashali Kishore\Desktop\verzeo\Major Project> node app.js
Server running on port 3000
PS C:\Users\Ashali Kishore\Desktop\verzeo\Major Project> node app.js
Server running on port 3000
```

app.js - Major Project - Visual Studio Code
form.js
header.ejs
form.ejs
result.ejs
app.js
app.js > app.post("/") callback
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
JUPYTER
node
Ln 30, Col 68 Spaces: 4 UTF-8 CRLF JavaScript Go Live Prettier

LOCAL HOST:



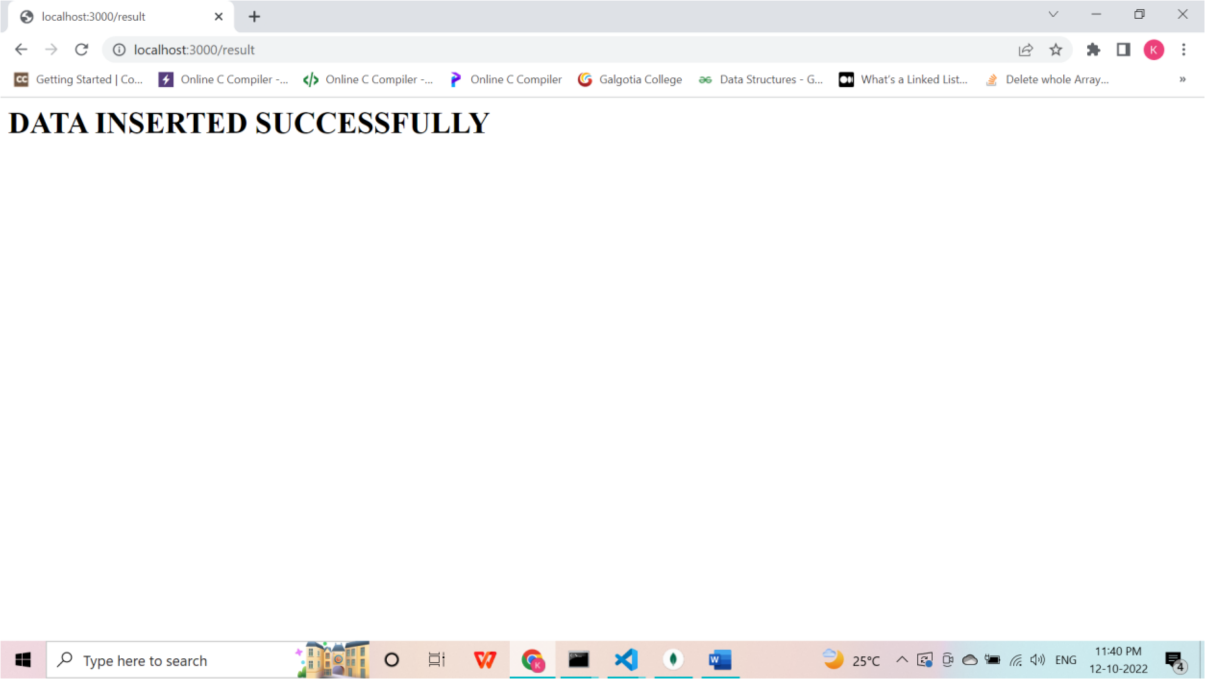
Username: Ashali Kishore

Course: CSE

Age: 21

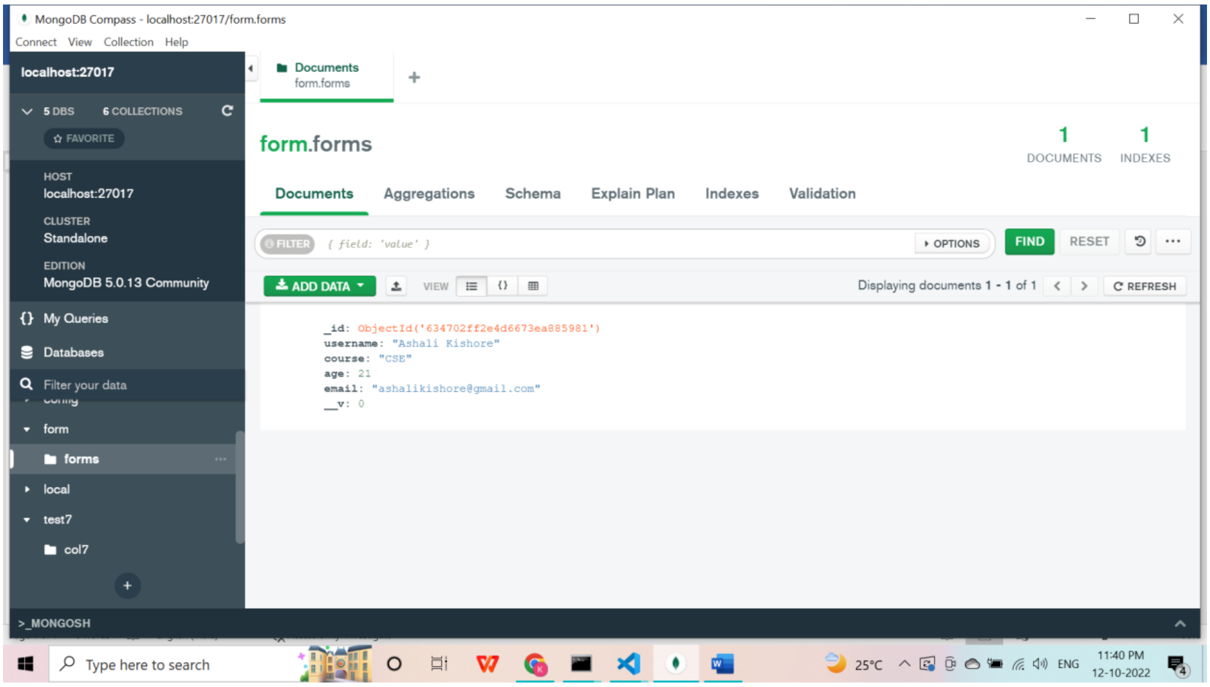
Email: ashalikishore@gmail.com

Submit



DATA INSERTED SUCCESSFULLY

UPDATED DATABASE(MongoDB):



```
_id: ObjectId('634702ff2e4d6673ea885981')
username: "Ashali Kishore"
course: "CSE"
age: 21
email: "ashalikishore@gmail.com"
__v: 0
```