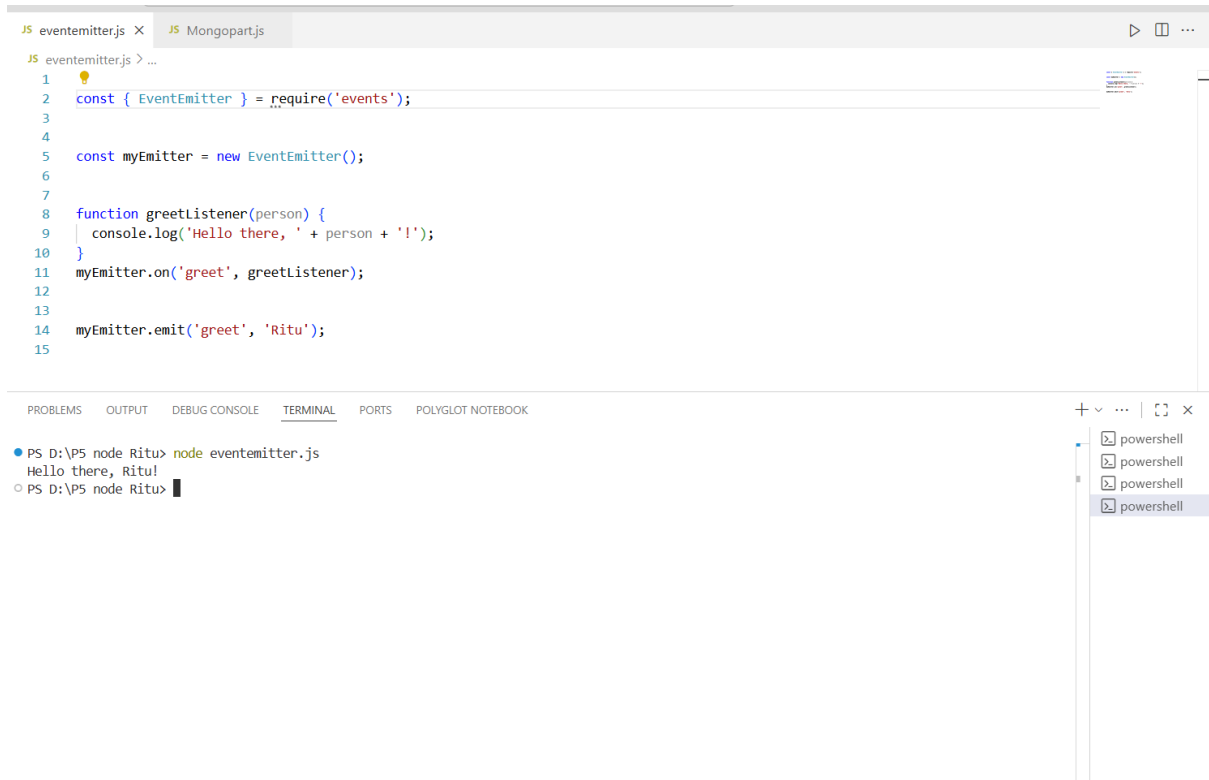


Name: Ritu Singh

Roll no : Gf202346594

Greet event-

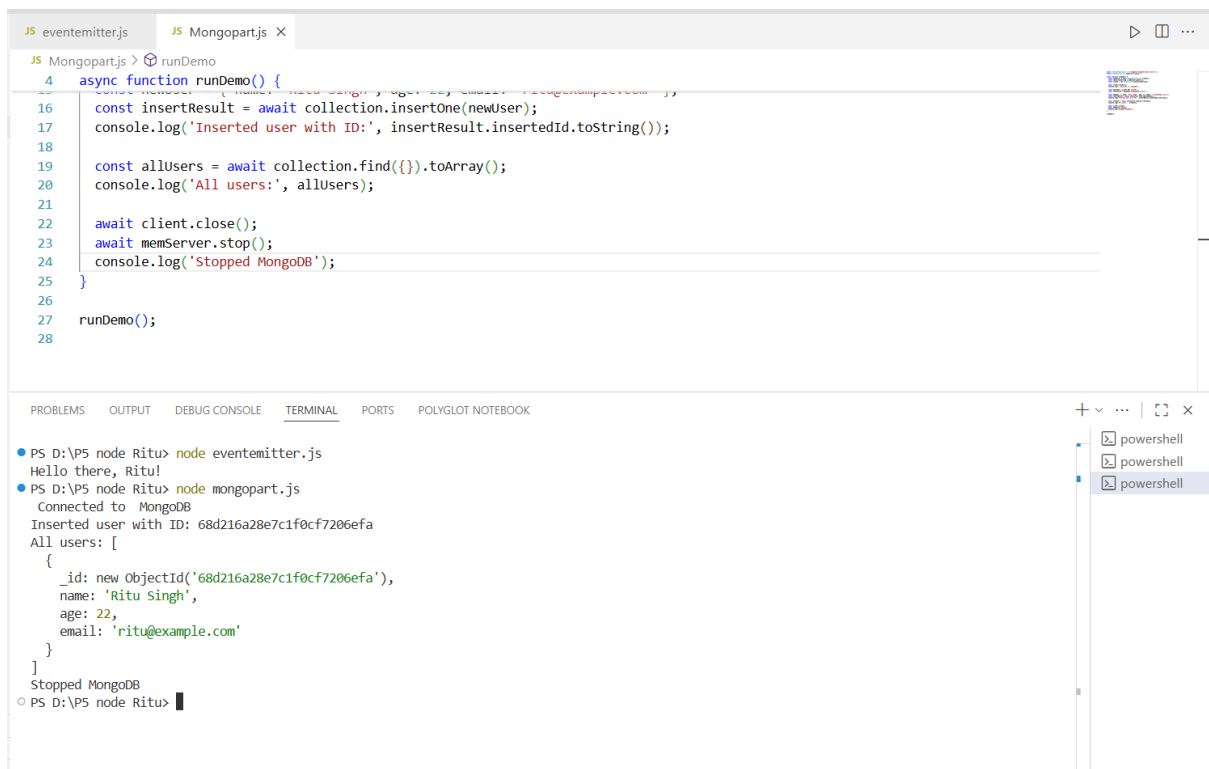


The screenshot shows the VS Code editor with a file named `eventemitter.js` open. The code defines an `EventEmitter` class using the `events` module, creates an instance `myEmitter`, and registers a `greetListener` function. The terminal output shows the command `node eventemitter.js` being executed, resulting in the message `Hello there, Ritu!`.

```
1 const { EventEmitter } = require('events');
2
3
4
5 const myEmitter = new EventEmitter();
6
7
8 function greetListener(person) {
9   console.log('Hello there, ' + person + '!');
10 }
11 myEmitter.on('greet', greetListener);
12
13
14 myEmitter.emit('greet', 'Ritu');
15
```

PS D:\PS node Ritu> node eventemitter.js
Hello there, Ritu!
PS D:\PS node Ritu>

Mongodb-



The screenshot shows the VS Code editor with a file named `mongopart.js` open. The code defines an `runDemo` function that connects to MongoDB, inserts a user, and prints the list of users. The terminal output shows the command `node mongopart.js` being executed, resulting in the message `Connected to MongoDB`, the inserted user ID, the list of users, and the message `Stopped MongoDB`.

```
4 async function runDemo() {
5   // const mongoClient = new MongoClient('mongodb://localhost:27020');
6   const collection = mongoClient.db('users').collection('users');
7
8   const insertResult = await collection.insertOne(newUser);
9   console.log('Inserted user with ID:', insertResult.insertedId.toString());
10
11   const allUsers = await collection.find({}).toArray();
12   console.log('All users:', allUsers);
13
14   await client.close();
15   await memServer.stop();
16   console.log('Stopped MongoDB');
17 }
18
19 runDemo();
20
```

PS D:\PS node Ritu> node eventemitter.js
Hello there, Ritu!
PS D:\PS node Ritu> node mongopart.js
Connected to MongoDB
Inserted user with ID: 68d216a28e7c1f0cf7206efa
All users: [
 {
 _id: new ObjectId('68d216a28e7c1f0cf7206efa'),
 name: 'Ritu Singh',
 age: 22,
 email: 'ritu@example.com'
 }
]
Stopped MongoDB
PS D:\PS node Ritu>

Links for Github repos-

Practical 1- <https://github.com/RituSingh0204/Node-JS-Practical-1.git>

Practical 2- <https://github.com/RituSingh0204/Practical-2-NODE-JS.git>

Practical 3- <https://github.com/RituSingh0204/Practical-3-NODE-JS.git>

Practical 4- <https://github.com/RituSingh0204/Practical-4-NODE-JS.git>

Practical 5- <https://github.com/RituSingh0204/Practical-5-NODE-JS.git>