

Statements for creating the database:

```
CREATE DATABASE assignment;
```

```
USE assignment;
```

```
CREATE TABLE posts(  
  topic varchar(255),  
  data varchar(255),  
  timestamp varchar(255)  
);
```

Code for server:

```
//-- Harshil Patel  
// hap793 / 11290942  
'use strict';  
  
const path = require("path")  
const express = require('express');  
const app = express();  
  
const bodyParser = require("body-parser");  
app.use(bodyParser.urlencoded({ extended: true }));  
  
const mysql = require('mysql');  
  
let con = mysql.createConnection({  
  host: '0.0.0.0',  
  port: '3306',  
  user: 'root',  
  password: 'admin'  
});  
  
const PORT = 8080;  
const HOST = '0.0.0.0';
```

```

// Helper
const panic = (err) => console.error(err)

// Connect to database
con.connect((err) => {

  if (err) { panic(err) }

  con.query("USE assignment;", (err, result) => {

    if (err) { panic(err) }

    else { console.log("Connected!"); }

  })
})

// Sketch of how to contact your database
function sql_insertion(param1, param2) {

  let statement = `INSERT INTO tname (p1, p2) VALUES ('${param1}',
'${param2}')`
  con.query(statement, (err, result) => {

    if (err) { /* ... */ }

    else { /* ... */ }

  })
}

//insert in to table
function post(topic,data) {
  let statement = `INSERT INTO posts (Topic, Data, Timestamp) VALUES
('${topic}','${data}','${new Date()}')`
  con.query(statement, function (err, result) {

    if (err) {panic(err)}

    else { console.log("Inserted.");}

  })
}

app.post('/post', (req,res) => {

```

```
    var topic = req.body.topic;
    var data = req.body.data;
    post(topic,data);
  });

// app.use("/", express.static(path.join(__dirname, "pages")))
// app.use()
app.use(express.static('.', {index: 'posting.html'}));

app.listen(PORT,HOST);
console.log("up!")
```