

Package.json

```
{
  "name": "practical-3b",
  "version": "1.0.0",
  "description": "This WAD Practical 3b",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "author": "",
  "license": "ISC",
  "dependencies": {
    "express": "^4.19.2",
    "mongodb": "^6.5.0"
  }
}
```

Index.js

```
const dbConnect = require('./mongodb')
const express = require('express');
const { response } = require('express');
const app = express();
app.use(express.json())
//get API
app.get('/', async(req,res)=>{
  let result = await dbConnect();
  result = await result.find().toArray();
  res.send(result);
})
//post API
app.post('/', async(req,res) => {
```

```

    let result = await dbConnect();

    result = await result.insertOne(req.body);

    res.send("Data Inserted Successfully");
  })

//put API
app.put('/:name', async(req, res) => {
  let result = await dbConnect();

  result = await result.updateOne({name :req.params.name},{ $set: req.body});

  res.send("Data Updated Successfully");
})

//Delete API
app.delete('/:name', async(req, res) => {
  let result = await dbConnect();

  result = await result.deleteOne({name:req.params.name})

  res.send("Data Deleted Successfully");
})

app.listen(3000);

```

Mongodb.js

```

const {MongoClient} = require ('mongodb');

const url = "mongodb://localhost:27017"

const database = 'college';

const client = new MongoClient(url);

const dbConnect = async()=>{
  const result = await client.connect();

  const db = await result.db(database);

  return db.collection('profile');
}

module.exports = dbConnect;

```

Output



