

1.Create a Node.js server to implement routes for /home, /about, and /contact that respond with different messages for each route.

Node JS coding

```
const express =require('express')

const app=express()

app.use(express.json())

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

  res.send('main page')

})

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

  res.send('home page')

})

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

  res.send('I am PravinEshwar \n Department of coomputer science engineering')

})

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

  res.send('contact me on shadowSpade.instagram')

})

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

  const name=req.query.name || guest

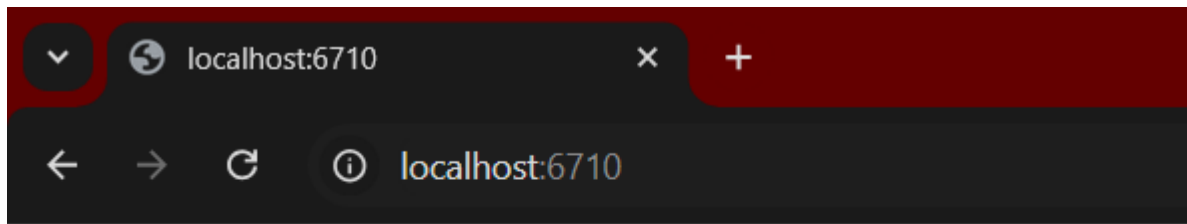
  res.send(`Hello, ${name}!`);

})

port = process.env.PORT || 6710

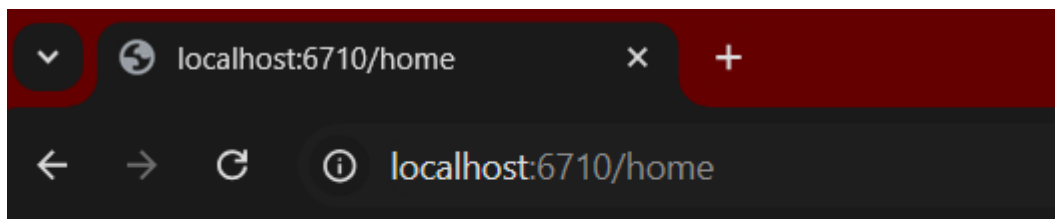
app.listen(port,()=>console.log(`Port is running on ${port}`))
```

The main page after running the node js



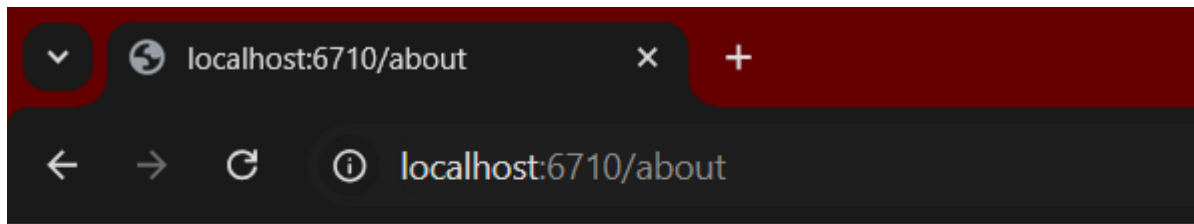
main page

The home page



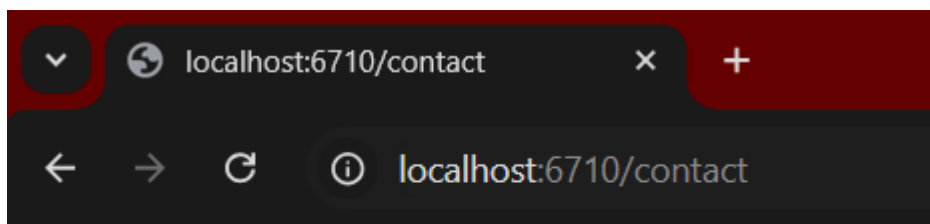
home page

The about page



I am PravinEshwar Department of coomputer science engineering

The contact page



contact me on shadowSpade.instagram

2.Build a server with a route /greet that accepts a query parameter name and responds with personalized greeting message, e.g., "Hello, [name];

Node js coding:

```
const express = require('express');
```

```
const app = express();
```

```
app.use(express.urlencoded({ extended: true }));

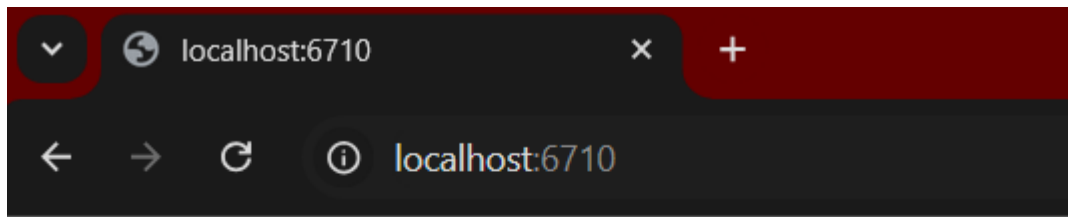
app.get('/', (req, res) => {
  res.send(`
    <form action="/greet" method="POST">
      <label for="name">Enter your name:</label>
      <input type="text" id="name" name="name">
      <button type="submit">Click</button>
    </form>
  `);
});

app.post('/greet', (req, res) => {
  const name = req.body.name || 'Guest';
  res.send(`Hello, ${name}!`);
});

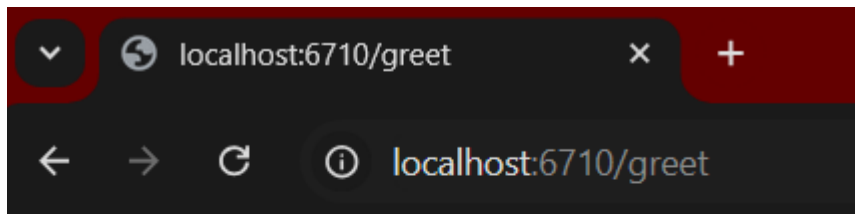
const PORT = 6710;

app.listen(PORT, () => {
  console.log(`Server is running on http://localhost:${PORT}`);
});
```

Oputut:



Enter your name:



Hello, Shadossssssssssss!