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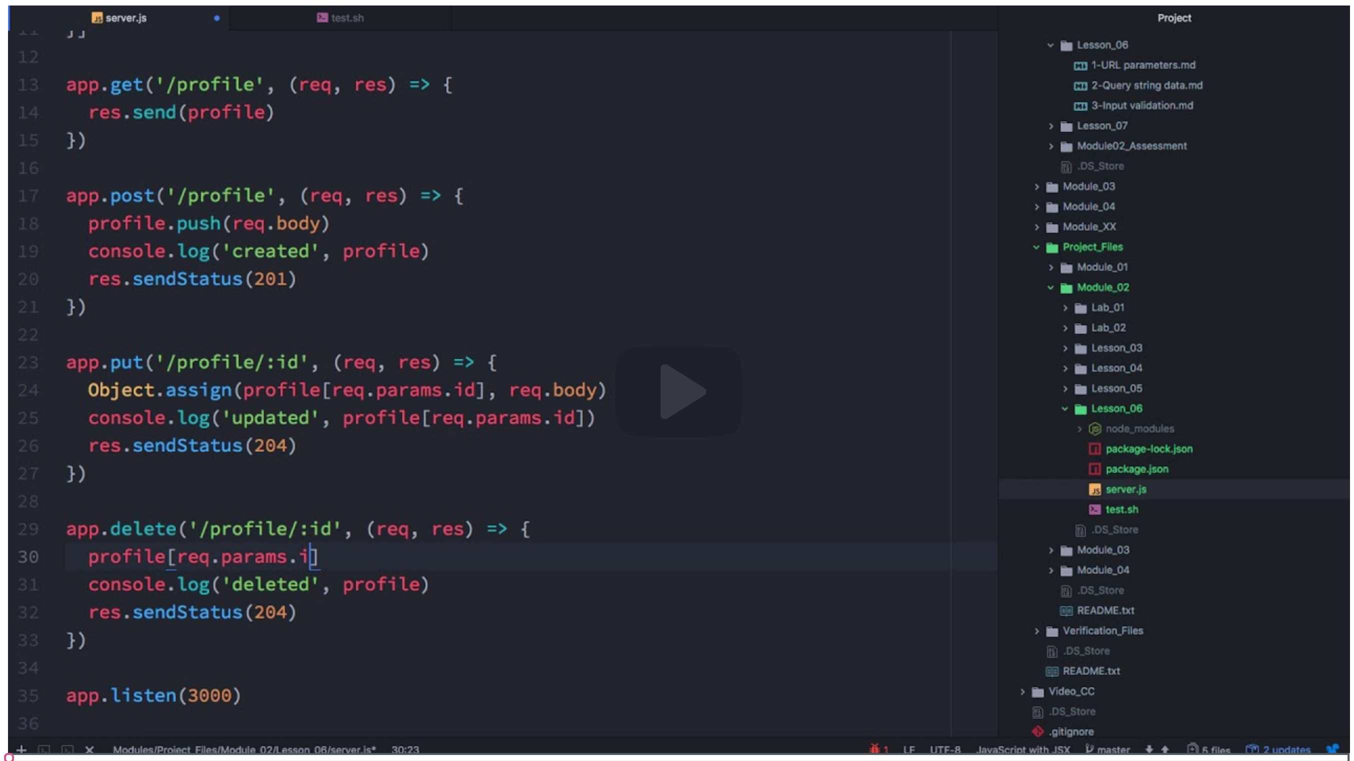
URL parameters

Video: Accessing URL Parameters



```
})

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

app.post('/profile', (req, res) => {
  profile.push(req.body)
  console.log('created', profile)
  res.sendStatus(201)
})

app.put('/profile/:id', (req, res) => {
  Object.assign(profile[req.params.id], req.body)
  console.log('updated', profile[req.params.id])
  res.sendStatus(204)
})

app.delete('/profile/:id', (req, res) => {
  profile[req.params.i]
  console.log('deleted', profile)
  res.sendStatus(204)
})

app.listen(3000)
```

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Video

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Accessing URL Parameters

To access URL parameters such as for IDs, names or other information, define the parameter in the URL pattern string with a colon `:` and then access the parameter with `req.params`.

For example, for requests like this one which has an user ID after the string `/users/`:

```
GET /users/572611d856b11dcec61651bb
```

Use a URI segment parameterized by prefixing it with a semi-colon:

```
app.get('/users/:id', (request, response) => {
  const userId = request.params.id
  fetchUser(userId, (error, user) => {
    if (error) return response.status(500).send(error)
    response.send(user)
  })
})
```

Multiple URL Parameters

Express supports multiple URL parameters in a route. Simply define all of them in the URL pattern. For example for the request GET /users/:id/transactions/:transactionId/:filter, the route will look like:

```
app.get('/users/:id/transactions/:transactionId/:filter', (req, res)
  const usersId = request.params.id,
    transactionId = request.params.transactionId,
    filter = request.params.filter
  res.status(200).send()
})
```