Express.js Chapter 4

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| **Concept** | **Syntax** |
| **Import Express** | const express = require('express'); |
| **Initialize App** | const app = express(); |
| **Start Server** | app.listen(port, () => { ... }); |
| **GET Route** | app.get('/route', (req, res) => { ... }); |
| **POST Route** | app.post('/route', (req, res) => { ... }); |
| **Send Response (Text)** | res.send('Hello World!'); |
| **Send JSON** | res.json({ key: 'value' }); |
| **Set Header** | res.set('Content-Type', 'text/html'); |
| **res.write()** | res.write('Some content'); |
| **res.end()** | res.end(); |
| **res.sendFile()** | res.sendFile(\_\_dirname + '/index.html'); |
| **Redirect** | res.redirect('/new-url'); |
| **Serve Static Files** | app.use(express.static('folder')); |
| **Serve Static (with path)** | app.use(express.static(path.join(\_\_dirname, 'folder'))); |
| **Route Parameters** | app.get('/calendar/:day/event/:ename', (req, res) => { });  To access **req.params** |
| **Middleware Use** | app.use((req, res, next) => { ... next(); }); |
| **Chained Middleware** | app.use('/route', cb1, cb2, cb3); |
| **Handle 404** | app.get('\*', (req, res) => { res.status(404).send('Not Found'); }); |
| **Use get method** | app.get('/route', (req, res) => { ... });  To access **req.query** |
| **Use post method** | app.use(express.urlencoded({ extended: true }));  app.post('/route', (req, res) => { ... });  To access **req.post** |
| **Session Setup** | const es=require(“express-session”);  app.use(es({ secret: 'key', resave: false, saveUninitialized: true })); |
| **Set Session Value** | req.session.property = value; |
| **Destroy Session** | req.session.destroy(err => { ... }); |
| **Cookie Parser** | const cp=require(“cookie-parser”);  app.use(cp()); |
| **Set Cookie** | res.cookie('name', 'value'); |
| **Clear Cookie** | res.clearCookie('name'); |
| **Read Cookie** | req.cookies.name; |