

```

var express = require('express');
var app = express();
var bodyParser = require('body-parser');
var urlencodedParser = bodyParser.urlencoded({ extended: true });
var MongoClient = require('mongodb').MongoClient;

app.use(express.static(__dirname + '/../public'));
app.get('/register', function (req, res) {
    res.sendFile( __dirname + "/" + "node_register.html" );
})

app.post('/process_post',urlencodedParser, function (req, res) {
    // Prepare output in JSON format
    response = {
        CompanyID:req.body.cid,
        name:req.body.cname,
        address:req.body.addr
    };

MongoClient.connect('mongodb://localhost:27017/', function(err, db)
{
    if (err) throw err;

console.log("Connected to Database");

    var dbo=db.db("mydb");
    //insert record

    dbo.collection('customers').insert(response, function(err, result)
    {
        if (err) throw err;

console.log("1 document inserted in your mongodb database" );

    });
});

    console.log(response);
    res.end(JSON.stringify(response));
})

var server = app.listen(8080, function () {
    var host = server.address().address
    var port = server.address().port

    console.log("Example app listening at http://%s:%s/register", host, port)

    // console.log("Example app listening at http://%s", port)

})

```

```
<html>
<body>
<form action="http://localhost:8081/process_get" method="GET">
First Name: <input type="text" name="first_name"> <br>
Last Name: <input type="text" name="last_name">
<input type="submit" value="Submit">
</form>
</body>
</html>
```

```

var express = require('express');
var app = express();
//app.use(express.static('public'));
app.use(function(req, res, next) {
  console.log('%s %s', req.method, req.url);
  next();
});
app.get('/index.html', function (req, res) {
  res.sendFile(__dirname + "/" + "node_express_getform1.html" );
})

app.get('/process_get', function (req, res) {
  response = {
    first_name:req.query.first_name,
    last_name:req.query.last_name
  };
  console.log(response);
  res.end(JSON.stringify(response));
})
var server = app.listen(8081, function () {

  var host = server.address().address
  var port = server.address().port
  console.log("Example app listening at http://%s:%s", host, port)

})

```

```
<html>
<body>
<form action="http://localhost:8000/get_example2" method="GET">
First Name: <input type="text" name="first_name"/> <br/>
Last Name: <input type="text" name="last_name"/><br/>
<input type="submit" value="Submit"/>
</form>
</body>
</html>
```

```
var express = require('express');
var app=express();
app.get('/index.html', function (req, res) {
    res.sendFile( __dirname + "/" + "node_express_getform2.html" );
})
app.get('/get_example2', function (req, res) {
res.send('<p>Username: ' + req.query['first_name']+'</p><p>Lastname: '+req.query['last_name']+'</p>');
})
var server = app.listen(8000, function () {
    var host = server.address().address
    var port = server.address().port
    console.log("Example app listening at http://%s:%s", host, port)
})
```

```
<!DOCTYPE html>
<html>
<body>
<form action="http://localhost:8000/get_example3">
<table>
<tr><td>Enter First Name:</td><td><input type="text" name="firstname"/><td></tr>
<tr><td>Enter Last Name:</td><td><input type="text" name="lastname"/><td></tr>
<tr><td>Enter Password:</td><td><input type="password" name="password"/></td></tr>
<tr><td>gender:</td><td>
<input type="radio" name="gender" value="male"> Male
<input type="radio" name="gender" value="female">Female
</td></tr>
<tr><td>About You :</td><td>
<textarea rows="5" cols="40" name="aboutyou" placeholder="Write about yourself">
</textarea>
</td></tr>
<tr><td colspan="2"><input type="submit" value="register"/></td></tr>
</table>
</form>
</body>
</html>
```

```
var express = require('express');
var app=express();
app.get('/index.html', function (req, res) {
    res.sendFile( __dirname + "/" + "node_express_getform3.html" );
})
app.get('/get_example3', function (req, res) {
res.send('<p>Firstname: ' + req.query['firstname']+'</p>'+
'<p>Lastname: '+req.query['lastname']+'</p><p>Password: '+req.query['password']+'</p>'+
'<p>AboutYou: '+req.query['aboutyou']+'</p>'+ '<p>gender: '+req.query['gender']');
})

var server = app.listen(8000, function () {
    var host = server.address().address
    var port = server.address().port
    console.log("Example app listening at http://%s:%s", host, port)
})
```

```
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("mydb");
  //Delete the "customers" collection:
  dbo.collection("customers1").drop(function(err, delOK) {
    if (err) throw err;
    if (delOK) console.log("Collection deleted");
    db.close();
  });
});
```



```
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("mydb");
  /*Delete all customers where the address starts with an "O":*/
  var myquery = { address: /^O/ };
  dbo.collection("customers").deleteMany(myquery, function(err, obj) {
    if (err) throw err;
    console.log(obj.result.n + " document(s) deleted");
    db.close();
  });
});
```

```
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("mydb");
  /*Delete the first customers with the address "Mountain 21":*/
  var myquery = { address: 'Mountain 21' };
  dbo.collection("customers").deleteOne(myquery, function(err, obj) {
    if (err) throw err;
    console.log("1 document deleted"+obj);
    db.close();
  });
});
```

```
<html>
<body>
<form action="http://localhost:8000/process_post" method="POST">
First Name: <input type="text" name="first_name"> <br>
Last Name: <input type="text" name="last_name">
<input type="submit" value="Submit">
</form>
</body>
</html>
```

```
var express = require('express');
var app = express();
var bodyParser = require('body-parser');
// Create application/x-www-form-urlencoded parser
var urlencodedParser = bodyParser.urlencoded({ extended: false })
app.use(express.static('public'));
app.get('/index.html', function (req, res) {
  res.sendFile( __dirname + "/" + "node_express_postform.html" );
})
app.post('/process_post', urlencodedParser, function (req, res) {
  // Prepare output in JSON format
  response = {
    first_name:req.body.first_name,
    last_name:req.body.last_name
  };
  console.log(response);
  res.end(JSON.stringify(response));
})
var server = app.listen(8000, function () {
  var host = server.address().address
  var port = server.address().port
  console.log("Example app listening at http://%s:%s", host, port)
})
```

```
<!DOCTYPE html>
<html>
<head>
  <title> Signup Form</title>

</head>
<body>

  <br>
  <br>
  <br>
  <div class="container" >
    <div class="row">
      <div class="col-md-3">

        </div>

        <div class="col-md-6 main">

          <form action="/sign_up" method="post">

            <h1> Signup form </h1>

            <input class="box" type="text" name="name" id="name"
placeholder="Name" required /><br>

            <input class="box" type="email" name="email" id="email"
placeholder="E-Mail " required /><br>

            <input class="box" type="password" name="password"
id="password" placeholder="Password " required/><br>

            <input class="box" type="text" name="phone" id="phone"
placeholder="Phone Number " required/><br>
              <br>
            <input type="submit" id="submitDetails"
name="submitDetails" value="Submit" /><br>

          </form>

        </div>

        <div class="col-md-3">
        </div>

      </div>
    </div>
  </body>
</html>
```

```

var express=require("express");
var bodyParser=require("body-parser");

//const mongoose = require('mongoose');
//mongoose.connect('mongodb://localhost:27017/gfg');
//var db=mongoose.connection;
//db.on('error', console.log.bind(console, "connection error"));
/*db.once('open', function(callback){
    console.log("connection succeeded");
})
*/
var app=express()
var MongoClient = require('mongodb').MongoClient;

app.use(bodyParser.json());
app.use(express.static('public'));
app.use(bodyParser.urlencoded({
    extended: true
}));

app.post('/sign_up', function(req,res){
    var name = req.body.name;
    var email =req.body.email;
    var pass = req.body.password;
    var phone =req.body.phone;

    var data = {
        "name": name,
        "email":email,
        "password":pass,
        "phone":phone
    }
    MongoClient.connect('mongodb://localhost:27017/', function(err, db)
    {
        if (err) throw err;

        console.log("Connected to Database");

        var dbo=db.db("mydb6");
        //insert record
        db.collection('details').insertOne(data,function(err, collection){
            if (err) throw err;
            console.log("Record inserted Successfully");

        });
    });

    return res.redirect('signup_success.html');
})

app.get('/',function(req,res){
    res.set({
        'Access-control-Allow-Origin': '*'
    });
    return res.redirect('node_mongodeb_formsignup.html');
}).listen(3000)

console.log("server listening at port 3000");

```

```
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("mydb");
  //Sort the result by name:
  var sort = { name: -1 };
  dbo.collection("customers").find().sort(sort).toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
  });
});
```

```
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var dbo = db.db("joincollect");
  dbo.collection('oreders').aggregate([
    { $lookup:
      {
        from: 'products',
        localField: 'product_id',
        foreignField: '_id',
        as: 'orderdetails'
      }
    }
  ]).toArray(function(err, res) {
    if (err) throw err;
    console.log(JSON.stringify(res));
    db.close();
  });
});
```