

```
<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)
})
```

```
<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)
})
```



```

// npm install express
var express = require('express')
// npm install cookie-parser
var cookieParser = require('cookie-parser')
var app = express();
// need cookieParser middleware before we can do anything with cookies
app.use(cookieParser());
//app.use(express.cookieParser('my secret here'));
// set a cookie
app.use(function (req, res, next) {
// check if client sent cookie
var cookie = req.cookies.cookieName; // RETRIEVE THE COOKIES
if (cookie === undefined || req.cookies.monster===undefined)
{
// no: set a new cookie
var randomNumber=Math.random().toString();
randomNumber=randomNumber.substring(2,randomNumber.length);
res.cookie('cookieName',randomNumber, { maxAge: 900000, httpOnly: true });
res.cookie('monster', 'nom nom',{expire : 24 * 60 * 60 * 1000 });
//res.cookie('signed_monster', 'nom nom', { signed: true });
console.log('cookie created successfully');
}
else
{
// yes, cookie was already present
console.log('cookie exists', cookie);
res.clearCookie('cookieName');
res.clearCookie('monster');
res.clearCookie('School');
res.send('cookie foo cleared');
}
next(); // <-- important!
});
app.get('/', function(req, res) {
res.send(JSON.stringify(req.cookies));
})
app.listen(8081)

```

```

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

// Running Server Details.
var server = app.listen(8080, function () {
  var host = server.address().address
  var port = server.address().port
  console.log("Example app listening at %s:%s/form", host, port)
});

app.get('/form', function (req, res) {
  var html='';
  html += "<body>";
  html += "<form action='/thank' method='post' name='form1'>";
  html += "<p>Name:<input type='text' name='name'></p>";
  html += "<p>Email:<input type='text' name='email'></p>";
  html += "<p>address:<input type='text' name='address'></p>";
  html += "<p>Mobile number:<input type='text' name='mobilno'></p>";
  html += "<p><input type='submit' value='submit'>";
  html += "<input type='reset' value='reset'></p>";
  html += "</form>";
  html += "</body>";
  res.send(html);
});

app.post('/thank', urlencodedParser, function (req, res){
  var reply='';
  reply += "Your name is" + req.body.name+"<br>";
  reply += "Your E-mail id is" + req.body.email+"<br>";
  reply += "Your address is" + req.body.address+"<br>";
  reply += "Your mobile number is" + req.body.mobilno;
  res.send(reply);
});

```

```
const express = require('express');
const app = express();
const cookieParser = require('cookie-parser')
app.use(cookieParser());
app.get('/', function(req, res){
  res.cookie('School', 'SITE') //Sets name =express
  res.send('cookieset');
  console.log('Cookies: ', req.cookies);
});
app.listen(3000, function(){ console.log('Server ready');
}
);
```

```
var express = require('express');
var cookieParser = require('cookie-parser');
var session = require('express-session');

var app = express();

app.use(cookieParser());
app.use(session({secret: "Shh, its a secret!"}));

app.get('/', function(req, res){
  if(req.session.page_views){
    req.session.page_views++;
    res.send("You visited this page " + req.session.page_views + " times");
    req.session.destroy(function(error){
      console.log("Session Destroyed")
    })
  } else {
    req.session.page_views = 1;
    res.send("Welcome to this page for the first time!");
  }
});
app.listen(3000);
```