

# # Sign Up Page

app.use(express.static("public"));  
// for our server to serve static files such as  
CSS and Images

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="">
    <link rel="icon" href="..../..../favicon.ico">

    <title>Newsletter Signup</title>

    <!-- Bootstrap core CSS -->
    <!-- Latest compiled and minified CSS -->
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css" integrity="sha384-BVYiiSIFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K6Q" crossorigin="anonymous">

    <!-- Custom styles for this template -->
    <link href="css/styles.css" rel="stylesheet">
  </head> where to send & implement which method to use
  <body class="text-center"> while sending
    <form action="/" class="form-signin" method="POST">
      
      <h1 class="h3 mb-3 font-weight-normal">Sign Up To My Newsletter!</h1>

      <input type="text" name="fName" class="form-control top" placeholder="First Name" required autofocus>
      <input type="text" name="lName" class="form-control middle" placeholder="Last Name" required>
      <input type="email" name="email" class="form-control bottom" placeholder="Email" required>

      <button class="btn btn-lg btn-primary btn-block" type="submit">Sign Me Up!</button>
      <p class="mt-5 mb-3 text-muted">&copy; The App Brewery</p>
    </form>
  </body>
</html>
```

```
const express = require('express');
const bodyParser = require('body-parser');
const app = express();
app.use(bodyParser.urlencoded({extended: true}))
app.get("/", function(req, res) {
  res.sendFile(__dirname + "index.html");
})
```

```
app.post("/", function(req, res) {
  var fName = req.body.firstName;
  var lName = req.body.lastName;
  var email = req.body.email;
})
```

```
app.listen(3000, function() {
  console.log("running");
})
```

```
app.post("/", function (req, res) {
    var FirstName = req.body.fName;
    var LastName = req.body.lName;
    var Email = req.body.email;
    var data = {
        members: [
            {
                emailAddress: Email,
                status: "subscribed",
                mergeFields: {
                    FNAME: FirstName,
                    LNAME: LastName,
                }
            }
        ]
    };
});
```

■ : key words already defined by mailchip.com

```
var jsonData = JSON.stringify(data);
//convert data to string in JSON Format
const url = "https://us4.api.mailchimp.com/3.0/lists/" + listId
const options = {
    method: "Post",
    auth: "mailchip:fd892... (api key)"
};
const request = https.request(url, options, function(response) {
    if (response.statusCode == 200) {
        res.sendFile(__dirname + "/success.html");
    } else {
        res.sendFile(__dirname + "/failure.html");
    }
});
response.on("data", function(data) {
    console.log(JSON.parse(data));
});
request.write(jsonData);
request.end();
});
```

to convert to object format from JSON

in Failure.html

```
<form action="/Failure" method="post">  
    <button> Try Again </button>  
</form>
```

```
app.post("/Failure", function(req, res){  
    res.redirect("/");  
});
```

# Heroku

heroku will run on own port  
app.listen(process.env.PORT, function() {  
 console.log("Running");  
});

create a file under the project folder named  
Procfile inside this file write  
web: node app.js

in terminal

then git init

git add .

git commit -m "first commit"

heroku create

git push heroku master

\* heroku logs (to check if there are any problems)