

## Node.js mail

The Nodemailer module makes it easy to send emails from your computer. Use the username and password from your selected email provider to send an email.

### Npm install nodemailer

**Code:**

To run the file use command:- node .\mail.js

```
var nodemailer = require('nodemailer');

var transporter = nodemailer.createTransport({
  service: 'gmail',
  auth: {
    user: 'max@gmail.com',
    pass: 'n'
  }
});

var mailOptions = {
  from: 'max@gmail.com',
  to: 'dhengaleprasad44s@gmail.com',
  subject: 'Sending Email using Node.js',
  text: 'That was easy!'
};

transporter.sendMail(mailOptions, function(error, info){
  if (error) {
    console.log(error);
  } else {
    console.log('Email sent: ' + info.response);
  }
});
```

## 2. Node.js upload file

Formidable module is used for working with file uploads.

Formidable module allows to make a web page in Node.js that lets the user upload files to the computer.

Include the Formidable module to be able to parse the uploaded file once it reaches the server. When the file is uploaded and parsed, it gets placed on a temporary folder on your computer.

When a file is successfully uploaded to the server, it is placed on a temporary folder. The path to this directory can be found in the "files" object, passed as the third argument in the parse() method's callback function. To move the file to the folder of your choice, we use the File System module, and rename the file.

Code:

```
var http = require('http');
var formidable = require('formidable');
var fs = require('fs');

http.createServer(function (req, res) {
  if (req.url == '/fileupload') {
    var form = new formidable.IncomingForm();
    form.parse(req, function (err, fields, files) {
      var oldpath = files.filetoupload.filepath;
      var newpath = 'C:/Users/' + files.filetoupload.originalFilename;
      fs.rename(oldpath, newpath, function (err) {
        if (err) throw err;
        res.write('File uploaded and moved!');
        res.end();
      });
    });
  } else {
    res.writeHead(200, {'Content-Type': 'text/html'});
    res.write('<form action="fileupload" method="post" enctype="multipart/form-data">');
    res.write('<input type="file" name="filetoupload"><br>');
    res.write('<input type="submit">');
    res.write('</form>');
    return res.end();
  }
}).listen(8080);
```