

SOURCE CODE

MainController.java

```
package com.ecommerce.controllers;

import java.io.File;
import java.io.FileInputStream;
import java.io.FileOutputStream;
import java.io.IOException;

import org.springframework.core.io.ClassPathResource;
import org.springframework.core.io.InputStreamResource;
import org.springframework.core.io.Resource;
import org.springframework.http.HttpHeaders;
import org.springframework.http.HttpStatus;
import org.springframework.http.MediaType;
import org.springframework.http.ResponseEntity;
import org.springframework.stereotype.Controller;
import org.springframework.util.ResourceUtils;
import org.springframework.web.bind.annotation.PathVariable;
import org.springframework.web.bind.annotation.RequestBody;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RequestMethod;
import org.springframework.web.bind.annotation.RequestParam;
import org.springframework.web.bind.annotation.ResponseBody;
import org.springframework.web.multipart.MultipartFile;
import org.springframework.web.servlet.ModelAndView;

@Controller
```

```

public class MainController {

    @RequestMapping(value = "/")
    public String index() {
        return "index.html";
    }

    @RequestMapping(value = "/upload", method = RequestMethod.POST, consumes =
    MediaType.MULTIPART_FORM_DATA_VALUE)
    public String fileUpload(@RequestParam("fileToUpload") MultipartFile file) {

        try {
            File convertFile = new File("C:/Users/HP/Documents/workspace-spring-tool-suite-
            4/SpringFiles/"+file.getOriginalFilename());
            convertFile.createNewFile();
            FileOutputStream fout = new FileOutputStream(convertFile);
            fout.write(file.getBytes());
            fout.close();
            return "redirect:/success-view.html";

        } catch (IOException iex) {

            return "redirect:/error-view.html";
        }
    }

    @RequestMapping(value = "/download", method = RequestMethod.GET)
    public ResponseEntity<Object> downloadFile() throws IOException {
        String fileName = "static/dump.txt";
        ClassLoader classLoader = new MainController().getClass().getClassLoader();
    }
}

```

```

File file = new File(classLoader.getResource(fileName).getFile());

InputStreamResource resource = new InputStreamResource(new FileInputStream(file));

HttpHeaders headers = new HttpHeaders();

headers.add("Content-Disposition", String.format("attachment; filename=\"%s\"",
file.getName()));

headers.add("Cache-Control", "no-cache, no-store, must-revalidate");

headers.add("Pragma", "no-cache");

headers.add("Expires", "0");

ResponseEntity<Object>

responseEntity =
ResponseEntity.ok().headers(headers).contentType(MediaType.parseMediaType("application/txt")).body(resource);

return responseEntity;
}
}

```

error-view.html

```

<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h3>ERROR IN UPLOADING FILE</h3>
</body>
</html>

```

index.html

```
<html>
<head><title>File Upload</title></head>
<body>

    <form method="post" enctype="multipart/form-data"
action="/upload">
        Upload file 
        <input type="file" name="fileToUpload"
id="fileToUpload"><br><br>
        <input type="submit" value="Upload " name="submit">
    </form>
</body>
</html>
```

Success-view.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h3>FILE UPLOADED SUCCESSFULLY</h3>
</body>
</html>
```