

```
import requests

from bs4 import BeautifulSoup as bs

import os

from flask import Flask, request, render_template, send_from_directory


APP_ROOT = os.path.dirname(os.path.abspath(__file__))

app = Flask(__name__)


@app.route("/")

def index():

    return render_template("upload.html")


# @app.route('/')

# def index():

#     return render_template('index.html')


@app.route("/upload", methods=["POST"])

def upload():

    target = os.path.join(APP_ROOT, 'images/')

    if not os.path.isdir(target):

        os.mkdir(target)

    else:

        pass
```

```
for upload in request.files.getlist("file"):
```

```
    filename = upload.filename
```

```
    destination = "/".join([target, filename])
```

```
    upload.save(destination)
```

```
return render_template("complete.html", image_name=filename)
```

```
@app.route('/upload/<filename>')
```

```
def send_image(filename):
```

```
    return send_from_directory("images", filename)
```

```
@app.route('/gallery')
```

```
def get_gallery():
```

```
    image_names = os.listdir('./images')
```

```
    return render_template("gallery.html", image_names=image_names)
```

```
@app.route('/about')
```

```
def about():
```

```
    return render_template('about.html')
```

```
@app.route('/contact')
```

```
def contact():
```

```
    return render_template('contact.html')
```

```
@app.route('/home')
```

```
def home():
```

```
return render_template('home.html')
```

```
@app.route('/skills')
```

```
def skills():
```

```
    return render_template('skills.html')
```

```
@app.route('/news')
```

```
def news():
```

```
    link = 'https://inshorts.com/en/read'
```

```
    req = requests.get(link)
```

```
    soup = bs(req.content, 'html5lib')
```

```
    box = soup.findAll('div', attrs = {'class':'news-card z-depth-1'})
```

```
    ha,ia,ba,la = [],[],[],[]
```

```
    for i in range(len(box)):
```

```
        h = box[i].find('span', attrs = {'itemprop':'headline'}).text
```

```
        m = box[i].find('div', attrs = {'class':'news-card-image'})
```

```
        m = m['style'].split('"')[1]
```

```
        b = box[i].find('div', attrs = {'itemprop':'articleBody'}).text
```

```
        l='link not found'
```

```
    try:
```

```
l = box[i].find('a', attrs = {'class':'source'})['href']
```

```
except:
```

```
    pass
```

```
ha.append(h)
```

```
ia.append(m)
```

```
ba.append(b)
```

```
la.append(l)
```

```
return render_template('news.html', ha=ha, ia=ia, ba=ba, la=la, len = len(ha))
```

```
@app.errorhandler(404)
```

```
def page_not_found(e):
```

```
    return render_template('404.html'), 404
```

```
if __name__ == '__main__':
```

```
    app.run(debug=True)
```