

```
<!doctype html>
```

```
<html lang="en">
```

```
<head>
```

```
<!-- Required meta tags -->
```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<!-- Bootstrap css -->
```

```
<link
```

```
href="https://www.google.com/imgres?imgurl=https%3A%2F%2Fmedia1.giphy.com%2Fmedia%2F3o7abKhOpu0NwenH3O%2Fgiphy.gif&tbnid=SRHWTXZEafCB6M&vet=12ahUKEwjJ88vt7Z2CAxVL5TgGHaL9DugQMygfegUIARCsAQ..i&imgrefurl=https%3A%2F%2Fgifs9z.wordpress.com%2F2020%2F01%2F25%2Fspongebob-squarepants-yes-cartoon-nickelodeon-ok-okay-thumbs-up-spongebob-good-job-agree-thumbs-approve-correct-bueno-yesssss-pouce-leve-spongebob-gif-buenoo%2F&docid=dVLj7UXItAtmfM&w=540&h=304&q=gif%20images%20for%20ok&ved=2ahUKEwjJ88vt7Z2CAxVL5TgGHaL9DugQMygfegUIARCsAQ"
```

```
integrity="https://www.google.com/imgres?imgurl=https%3A%2F%2Fmedia2.giphy.com%2Fmedia%2FRI4LTRjrVJhTskGtrb%2F200w.gif%3Fcid%3D6c09b9521n6uaug1jrw30oduggw6h9z6su3bzprp5kpmto%26ep%3Dv1_gifs_search%26rid%3D200w.gif%26ct%3Dg&tbnid=UivEZlykG6sAQM&vet=12ahUKEwi_jL-j7p2CAxXoz6ACHfSDAMAQMygjegUIARDeAQ..i&imgrefurl=https%3A%2F%2Fgiphy.com%2Fexplore%2Fspam-moments&docid=r2RLFsdYmR67NM&w=200&h=155&q=gif%20images%20for%20spam&ved=2ahUKEwi_jL-j7p2CAxXoz6ACHfSDAMAQMygjegUIARDeAQ">
```

```
<title>Email spam classifier</title>
```

```
</head>
```

```
<body>
```

```
<!-- Navbar -->
```

```
<div class="container">
```

```
  <nav class="navbar navbar-dark bg-dark">
```

```
    <div class="container-fluid">
```

```
      <a class="navbar-brand" href="#">Email spam classifier "</a>
```

```
      <a class="navbar-brand" href="#">Created by **Bappy Ahmed**</a>
```

```
    </div>
```

```
  </nav>
```

```
</div>
```

```
<!-- Input form -->
```

```
<div class="container">
```

```
  <h2 class="text-align: center">Type an Email here to check it is Spam or Ham</h2>
```

```
  <form action="/" method="POST">
```

```
    <div class="form-floating">
```

```
      <textarea class="form-control" placeholder="Write your mail here.." id="email"
></textarea>
```

```
      <label for="email">Write your mail here...</label>
```

```
      <button class="W-100 btn btn-1g btn-primary">Submit</button>
```

```
    </div>
```

```
  </form>
```

```
</div>
```

```
</body>
```

```
</html>
```

```
from flask import flask,render_template,request  
  
import pickle
```

```
app = Flask(__name__)
```

```
pipe = pickle.load(open("Naive_model.pk1","rb"))
```

```
@app.route('/', methods=["GET","POST"])
```

```
def main_function():
```

```
    if request.method == "POST":
```

```
        text = request.from
```

```
        # print(text)
```

```
        emails = text['email']
```

```
        print(emails)
```

```
        list_email = [emails]
```

```
        # print(list_email)
```

```
        output = pipe.predict(list_email)[0]
```

```
        print(output)
```

```
        return render_template("main.css", prediction = output)
```

```
    else:
```

```
        return render_template("spam.html")
```

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

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