

```
1 from flask import Flask,render_template,redirect,url_for,request
2 import pickle
3 import numpy as np
4
5 from flask_mysql import MySQL
6 import MySQLdb.cursors
7 import re
8
9 app = Flask(__name__)
10
11 #movie genre review model read
12 filename = open('MovieReview/movie-genre-model.pkl', 'rb')
13 classifier = pickle.load(filename)
14 files = open('MovieReview/cv-transform.pkl','rb')
15 cv = pickle.load(files)
16 filename.close()
17 files.close()
18
19 #heartdiseases model read
20 filename = open('HeartDiseases/heartdiseasespredictmodel.pkl', 'rb')
21 clf = pickle.load(filename)
22 filename.close()
23
24 @app.route('/')
25 def index():
26     return render_template('home.html')
27
28 @app.route('/home')
29 def home():
30     return render_template('home.html')
31
32 @app.route('/genrepredict',methods=['GET','POST'])
33 def genrepredict():
34     if request.method == 'POST':
35         message = request.form['message']
36         data = [message]
37         vect = cv.transform(data).toarray()
38         my_prediction = classifier.predict(vect)
39         return render_template('mgenreshow.html', prediction=my_prediction)
40     return render_template('mgenre.html')
41
42 @app.route('/hdpredict', methods=['GET','POST'])
43 def hdpredict():
44     if request.method == 'POST':
```