

```
1
2 import streamlit as st
3 import pickle
4 import pandas as pd
5
6
7 def recommend(movie):
8     movie_index = movies[movies["title"]==movie].
9     index[0]
10    distances = similarity[movie_index]
11    movie_list = sorted(list(enumerate(distances)),
12    reverse=True,key=lambda x:x[1])[1:6]
13
14    rec_movie=[]
15
16    for i in movie_list:
17        movie_id=i[0]
18        rec_movie.append(movies.iloc[i[0]].title)
19    return rec_movie
20
21 movies_dict=pickle.load(open('C:/Users/harsahli/
22 movies_dict.pkl','rb'))
23 movies = pd.DataFrame(movies_dict)
24
25 similarity=pickle.load(open('C:/Users/harsahli/
26 similarity.pkl','rb'))
27
28 st.title('**HarshaFlix**')
29 st.markdown('### A streaming service initaive by
30 Harshali Deshmukh')
31
32 Selected_movie_name = st.selectbox(
33 'Select a movie and let me reccomend you five more',
34 movies['title'].values)
35
36 if st.button('Show me reccomendations'):
37     recommendations=recommend(Selected_movie_name)
38     for i in recommendations:
39         st.write(i)
```

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