```
import streamlit as st
import pickle
st.title("Movie Recommendation System")
movies_dict=pickle.load(open('movie_dict.pkl','rb'))

import pandas as pd
movies=pd.DataFrame(movies_dict)

import requests

def fetch_poster(movie_id):
    response=requests.get('https://api.themoviedb.org/3/movie/{}?api_key=c2d5bc4f13d6de708b56e87fc2691ea9&language=en-US'.format(movie_id))
    data = response.json()

    return  "https://image.tmdb.org/t/p/original" + data['poster_path']

def recommend(movie):
    movie_index = movies[movies['title'] == movie].index[0]
    distances = similarity[movie_index]
    movies_list = sorted(list(enumerate(distances)), reverse=True, key=lambda x: x[1])[1:6]
    recommended_movies_posters=[]
    recommended_movies = []
    for i in movies_list:
        movie_id = movies.iloc[i[0]].id
        recommended_movies.append(movies.iloc[i[0]].title)
        recommended_movies_posters.append(fetch_poster(movie_id))
    return recommended_movies,recommended_movies_posters


similarity=pickle.load(open('similarity.pkl','rb'))
Selected_movie_name = st.selectbox(
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    "tap here to search for your favourite movies",
    movies['title'].values)

# now code for creating the button
if st.button("Recommend"):
    names,posters=recommend(Selected_movie_name)
    col1, col2, col3,col4,col5 = st.columns(5)

    with col1:
        st.text(names[0])
        st.image(posters[0])

    with col2:
        st.text(names[1])
        st.image(posters[1])

    with col3:
        st.text(names[2])
        st.image(posters[2])

    with col4:
        st.text(names[3])
        st.image(posters[3])

    with col5:
        st.text(names[4])
        st.image(posters[4])
```