

```
# Define the movie data
movies = [
    {"title": "The Shawshank Redemption", "genre": "Drama", "language": "English"},
    {"title": "The Godfather", "genre": "Crime", "language": "English"},
    {"title": "The Dark Knight", "genre": "Action", "language": "English"},
    {"title": "12 Angry Men", "genre": "Drama", "language": "English"},
    {"title": "Schindler's List", "genre": "Drama", "language": "English"},
    {"title": "Pulp Fiction", "genre": "Crime", "language": "English"},
    {"title": "The Lord of the Rings: The Return of the King", "genre": "Fantasy", "language": "English"},
    {"title": "The Good, the Bad and the Ugly", "genre": "Western", "language": "English"},
    {"title": "Fight Club", "genre": "Drama", "language": "English"},
    {"title": "Forrest Gump", "genre": "Drama", "language": "English"},
    {"title": "Inception", "genre": "Sci-Fi", "language": "English"},
    {"title": "The Matrix", "genre": "Sci-Fi", "language": "English"},
    {"title": "Goodfellas", "genre": "Crime", "language": "English"},
    {"title": "Seven Samurai", "genre": "Action", "language": "Japanese"},
    {"title": "City of God", "genre": "Crime", "language": "Portuguese"},
    {"title": "Life Is Beautiful", "genre": "Comedy", "language": "Italian"},
    {"title": "The Silence of the Lambs", "genre": "Thriller", "language": "English"},
    {"title": "Saving Private Ryan", "genre": "War", "language": "English"},
    {"title": "Interstellar", "genre": "Sci-Fi", "language": "English"},
    {"title": "Dangal", "genre": "Drama", "language": "Hindi"},
    {"title": "Lagaan", "genre": "Drama", "language": "Hindi"},
    {"title": "3 Idiots", "genre": "Comedy", "language": "Hindi"},
    {"title": "Bajrangi Bhaijaan", "genre": "Drama", "language": "Hindi"},
    {"title": "Spirited Away", "genre": "Animation", "language": "Japanese"},
    {"title": "Parasite", "genre": "Drama", "language": "Korean"},
    {"title": "The Intouchables", "genre": "Comedy", "language": "French"},
    {"title": "Central Station", "genre": "Drama", "language": "Portuguese"},
    {"title": "The Secret in Their Eyes", "genre": "Drama", "language": "Spanish"},
    {"title": "Amelie", "genre": "Comedy", "language": "French"},
    {"title": "Cinema Paradiso", "genre": "Drama", "language": "Italian"},
    {"title": "The Lives of Others", "genre": "Drama", "language": "German"},
    {"title": "A Separation", "genre": "Drama", "language": "Persian"},
    {"title": "The Notebook", "genre": "Romance", "language": "English"},
    {"title": "Pride and Prejudice", "genre": "Romance", "language": "English"},
    {"title": "La La Land", "genre": "Romance", "language": "English"},
    {"title": "Dilwale Dulhania Le Jayenge", "genre": "Romance", "language": "Hindi"}]
```

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]
import random
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# Get user input
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print("Welcome to the Movie Recommender Bot!")

# Get unique genres and languages
genres = sorted(list(set([movie["genre"] for movie in movies])))
languages = sorted(list(set([movie["language"] for movie in movies])))

print(f"Available Genres: {', '.join(genres)}")
user_genre = input("Please enter your preferred movie genre: ").strip().title()

# Validate genre input
while user_genre not in genres:
    print("Invalid genre. Please select from the available genres.")
    user_genre = input("Please enter your preferred movie genre: ").strip().title()

print(f"Available Languages: {', '.join(languages)}")
user_language = input("Please enter your preferred movie language: ").strip().title()

# Validate language input
while user_language not in languages:
    print("Invalid language. Please select from the available languages.")
    user_language = input("Please enter your preferred movie language: ").strip().title()
    # Filter movies based on user input
filtered_movies = [movie for movie in movies if movie["genre"] == user_genre and
movie["language"] == user_language]
# Generate recommendation
if filtered_movies:
    recommended_movie = random.choice(filtered_movies)
    print(f"\nBased on your preferences, we recommend: {recommended_movie['title']}")  
else:  
    print("\nSorry, no movies found matching your criteria.")
```