# Define a dictionary of movies with genres

movies = {

'Movie 1': ['Action', 'Adventure'],

'Movie 2': ['Drama', 'Romance'],

'Movie 3': ['Comedy'],

'Movie 4': ['Action', 'Comedy'],

'Movie 5': ['Drama', 'Mystery'],

'Movie 6': ['Action', 'Adventure', 'Sci-Fi'],

'Movie 7': ['Comedy', 'Romance'],

'Movie 8': ['Horror', 'Mystery'],

'Movie 9': ['Drama', 'Romance'],

'Movie 10': ['Comedy', 'Family'],

}

# Ask the user for their genre preferences

user\_preferences = input("Enter your preferred movie genres (comma-separated): ").split(',')

# Initialize an empty list to store recommended movies

recommended\_movies = []

# Find movies that match the user's preferences

for movie, genres in movies.items():

if any(genre.strip().lower() in user\_preferences for genre in genres):

recommended\_movies.append(movie)

# Display recommended movies

if recommended\_movies:

print("Recommended Movies:")

for movie in recommended\_movies:

print(movie)

else:

print("No movies found matching your preferences.")