## Movie Ticket reservation system

Implement a ticket reservation system for movies. The interactions with the system should be http/json based.

## Functionality

### Register a movie

System should accept a json with following structure to be able to register a movie before any reservation can happen.

    {

        "imdbId": "tt0111161",

        "availableSeats": 100,

        "screenId": "screen\_123456"

    }

Where:

\* `imdbId` is IMDB movie identifier

\* `availableSeats` the total seats available for this movie

\* `screenId` is an externally managed identifier of information when and where the movie is screened.

### Reserve a seat at the movie

System should allow to reserve a seat for the movie. It should consume a request with following json to reserve a single seat for the movie.

    {

        "imdbId": "tt0111161",

        "screenId": "screen\_123456"

    }

Where:

\* `imdbId` is IMDB movie identifier

\* `screenId` is an externally managed identifier of information when and where the movie is screened.

### Retrieve information about the movie

System should allow to see how many seats are reserved for a movie as well as the movie title.

It should consume a request with `imdbId` and `screenId` and return following response:

    {

        "imdbId": "tt0111161",

        "screenId": "screen\_123456",

        "movieTitle": "The Shawshank Redemption",

        "availableSeats": 100,

        "reservedSeats": 50

    }

Where:

\* `imdbId` is IMDB movie identifier

\* `screenId` is an externally managed identifier of information when and where the movie is screened.

\* `movieTitle` is the title of the movie

\* `availableSeats` the total seats available for this movie

\* `reservedSeats` the total number of reserved seats for a movie and screen.