**Task Description**

You are tasked with creating a program that stores information about a list of movies in an array of objects. Your program should allow the user to add, access, and delete information about the movies.

**Requirements**

* Create an interface called Movie with the following properties:
  + title of type string
  + director of type string
  + releaseYear of type number
  + rating of type number
* Create an empty array called movieList that will store all the movies.
* Use the Movie interface to create an object for each movie in the movieList array. The movies in the array should be:
  + Title: The Matrix, Director: The Wachowskis, Release Year: 1999, Rating: 9
  + Title: Inception, Director: Christopher Nolan, Release Year: 2010, Rating: 8
  + Title: The Shawshank Redemption, Director: Frank Darabont, Release Year: 1994, Rating: 10
* Use a for loop to iterate through the movieList array and output the title and rating of each movie using the console.log() function.
* Create a function called addMovie() that accepts a Movie object as a parameter and adds it to the movieList array.
* Create a function called deleteMovie() that accepts a string parameter representing the title of the movie to delete. The function should remove the movie from the movieList array.
* Create a function called getMovieByDirector() that accepts a string parameter representing the name of the director. The function should iterate through the movieList array and return an array of all the movies with the specified director.
* You should use TypeScript to define the types of the input and output parameters for the functions.

**Note**

* We create three functions: addMovie(), deleteMovie(), and getMovieByDirector(). The addMovie() function accepts a Movie object as a parameter and adds it to the movieList array. The deleteMovie() function accepts a string parameter representing the title of the movie to delete and removes it from the movieList array. The getMovieByDirector() function accepts a string parameter representing the name of the director and returns an array of all the movies with the specified director.
* We also use TypeScript to define the types of the input and output parameters for the functions. This helps ensure that the functions are used correctly and avoid common programming errors.