## Problem Description

Imagine you are working with a database for a movie rental company. The database has a table named `Movies` with the following structure:

**Movies** Table:

| MovieID | Title | Genre | ReleaseYear | Rating | BoxOfficeRevenue | Director |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | Inception | Sci-Fi | 2010 | 8.8 | 830000000 | Christopher Nolan |
| 2 | Titanic | Romance | 1997 | 7.8 | 2200000000 | James Cameron |
| 3 | The Godfather | Crime | 1972 | 9.2 | 134000000 | Francis Ford Coppola |
| 4 | Avatar | Sci-Fi | 2009 | 7.9 | 2840000000 | James Cameron |
| 5 | Interstellar | Sci-Fi | 2014 | 8.6 | 677000000 | Christopher Nolan |
| 6 | Parasite | Thriller | 2019 | 8.6 | 264000000 | Bong Joon Ho |
| 7 | The Dark Knight | Action | 2008 | 9.0 | 1000000000 | Christopher Nolan |
| 8 | Schindler's List | Drama | 1993 | 9.0 | 322000000 | Steven Spielberg |
| 9 | The Shawshank Redemption | Drama | 1994 | 9.3 | 28300000 | Frank Darabont |
| 10 | Pulp Fiction | Crime | 1994 | 8.9 | 213000000 | Quentin Tarantino |

## Questions

1. Retrieve all information about movies directed by Christopher Nolan.

2. Find all distinct genres in the `Movies` table.

3. Display the top 5 highest-rated movies, sorted by their rating in descending order.

4. List all movies released before the year 2000.

5. Show the total number of movies in each genre.

6. Find the total revenue of all movies in the `Sci-Fi` genre.

7. Retrieve the titles of movies with a rating greater than 8.5 but less than 9.0.

8. Display the names of all movies that have the word 'The' in their title.

9. Find the movie with the highest box office revenue.

10. Retrieve the average rating of all movies released after the year 2000.