```java
package tut2;

import java.util.*;

public class Director {

    private String name;
    private String surName;
    private int numberOfMoviesDirected;
    private Date dateOfBirth;


    public Director(String name, String surName) {
        this.name=name;
        this.surName = surName;
    }

    public String getName() {
        return name;
    }

    public String getSurName() {
        return surName;
    }

    public int getNumberOfMoviesDirected() {
        return numberOfMoviesDirected;
    }

    public Date getDateOfBirth() {
        return dateOfBirth;
    }

    public void setNumberOfMoviesDirected(int numberOfMoviesDirected) {
        this.numberOfMoviesDirected = numberOfMoviesDirected;
    }

    public void setDateOfBirth(Date dateOfBirth) {
        this.dateOfBirth=dateOfBirth;
    }


    @Override
    public String toString()
    {
        return "Director[ Name ="+this.name+" , Surname = "+this.surName+", DoB =
"+this.dateOfBirth.getDate()+
                ", Movies directed = "+this.numberOfMoviesDirected+"]";
    }



}
```

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```java
package tut2;

public class Movie {

    private String title;
```

```java
    private String category;
    private int numberOfAwards;
    public Director director;

    public Movie(String title,String category,Director director) {
        this.title=title;
        this.category=category;
        this.director=director;
    }

    public String getTitle() {
        return title;
    }

    public String getCategory() {
        return category;
    }


    public Director getDirector() {
        return director;
    }

    public void setNumberOfAwards(int numberOfAwards) {
        this.numberOfAwards = numberOfAwards;
    }

    public int getNumberOfAwards() {
        return numberOfAwards;
    }
    @Overrride
    public String toString()
    {
        return "Movie[title = "+this.title+"category = "+this.category+" director name
= "+this.director.getName() +"director surname =" +
                this.director.getSurName()+" number of awards =
"+this.getNumberOfAwards()+" ]";
    }



}
```

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```java
package tut2;

public class Test {

    public static void main(String[] args) {
        // Test constructor
        Director director = new Director("James", "Cameron");

        Date dob = new Date(16, 8, 1954);
        director.setDateOfBirth(dob);
        director.setNumberOfMoviesDirected(23);
        //System.out.println(director); // toString()
        System.out.println("name is: " + director.getName());
```

```java
        System.out.println("surname is: " + director.getSurName());
        System.out.println("dob is: " + director.getDateOfBirth().getDate());
        System.out.println("number of directed movies is: " +
                director.getNumberOfMoviesDirected());

        //System.out.println(director);

        Movie movie = new Movie("Avatar", "Fantasy",director);
        //System.out.println(movie); // Movie's toString()
        // Test Setters and Getters
        movie.setNumberOfAwards(23);
        //System.out.println(movie); // Book's toString()
        System.out.println("title is: " + movie.getTitle());
        System.out.println("category is: " + movie.getCategory ());
        System.out.println("name of director is: " + movie.getDirector().getName());
        System.out.println("surname of director is: " +
movie.getDirector().getSurName());
        System.out.println("number of awards is " + movie.getNumberOfAwards());

        //System.out.println(movie);

        int x=5;
        //System.out.println(x);
        //System.out.println(-x);
    }
}
```