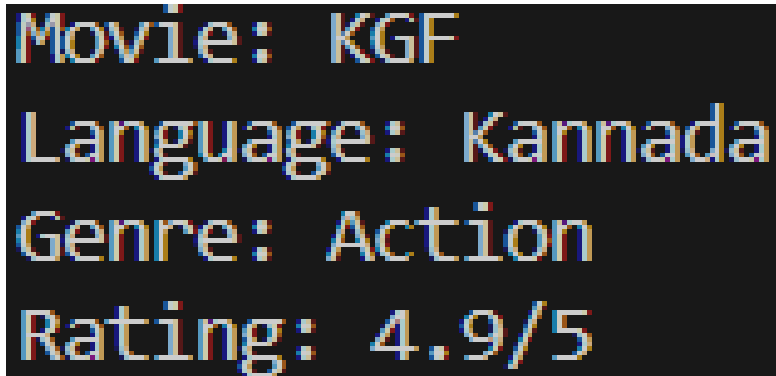# Requirement 1

Code:

```java
class Movie {
    String movie_name, language, genere, rating;

    public Movie(String movie_name, String language, String genere, String rating) {
        this.movie_name = movie_name;
        this.language = language;
        this.genere = genere;
        this.rating = rating;
    }

    void displayMovieInfo() {
        System.out.println("Movie: " + movie_name);
        System.out.println("Language: " + language);
        System.out.println("Genre: " + genere);
        System.out.println("Rating: " + rating);
    }
}

public class Requirement1 {
    public static void main(String[] args) {
        Movie m = new Movie("KGF", "Kannada", "Action", "4.9/5");
        m.displayMovieInfo();
    }
}
```

Output:

```
Movie: KGF
Language: Kannada
Genre: Action
Rating: 4.9/5
```

Requirement 2

Code:

```java
class ShoppingCart {
    int quantity, price;
    String product;
    public ShoppingCart(String product, int quantity, int price) {
```

```java
        this.product = product;
        this.quantity = quantity;
        this.price = price;
    }

    public ShoppingCart(int price, String product) {
        this.price = price;
        this.product = product;
        System.out.println("Product: " + product);
        System.out.println("Price: " + price);
    }

    public ShoppingCart(String product) {
        this.product = product;
        System.out.println("Product: " + product);
    }

    void displayItems() {
        System.out.println("Product: " + product);
        System.out.println("Quantity: " + quantity);
        System.out.println("Price: " + price);
        System.out.println("Total: " + (price * quantity));
    }
}

public class Requirement2 {
    public static void main(String[] args) {
        ShoppingCart s1 = new ShoppingCart("Lays", 4, 10);
        ShoppingCart s2 = new ShoppingCart("Oreo", 2, 30);
        ShoppingCart s3 = new ShoppingCart("Biscuit", 30, 20);
        ShoppingCart s4 = new ShoppingCart("Lays");
        System.out.println("-----------------------------------------------------");

        ShoppingCart s5 = new ShoppingCart(5, " Dairy Milk ");
        System.out.println("-----------------------------------------------------");

        s1.displayItems();
        System.out.println("-----------------------------------------------------");
        s2.displayItems();
        System.out.println("-----------------------------------------------------");
        s3.displayItems();
    }
}
```

Output:

```
Product: Lays
-------------------------------------
Product:  Dairy Milk
Price: 5
-------------------------------------
Product: Lays
Quantity: 4
Price: 10
Total: 40
-------------------------------------
Product: Oreo
Quantity: 2
Price: 30
Total: 60
-------------------------------------
Product: Biscuit
Quantity: 30
Price: 20
Total: 600
```

Requirement 3

Code:

```java
class Employee {
    String name, job;
    long sal;
    int age;

    public Employee(String name, String job, long sal, int age) {
        this.name = name;
        this.job = job;
        this.sal = sal;
        this.age = age;
    }

    public Employee(String name, String job) {
        this.name = name;
        this.job = job;
        System.out.println("Name: " + name);
        System.out.println("Job: " + job);
    }

    public Employee(String job, long sal) {
        this.job = job;
        this.sal = sal;
        System.out.println("Job: " + job);
        System.out.println("Salary: " + sal);
    }
```

```java
    void displayEmplInfo() {
        System.out.println("Name: " + name);
        System.out.println("Age:" + age);
        System.out.println("Job: " + job);
        System.out.println("Salary: " + sal);
    }
}

public class Requirement3 {
    public static void main(String[] args) {
        Employee e1 = new Employee("Roy", "Manager", 40000, 40);
        e1.displayEmplInfo();
        System.out.println("--------------------------------------------");

        Employee e2 = new Employee("Dhruv", "Developer", 30000, 26);
        e2.displayEmplInfo();
        System.out.println("--------------------------------------------");

        Employee e3 = new Employee("Kiran", "Developer");
        System.out.println("--------------------------------------------");

        Employee e4 = new Employee("Tester", 45000);
    }
}
```

Output:

```
Name: Roy
Age:40
Job: Manager
Salary: 40000
--------------------------------------------
Name: Dhruv
Age:26
Job: Developer
Salary: 30000
--------------------------------------------
Name: Kiran
Job: Developer
--------------------------------------------
Job: Tester
Salary: 45000
```