1. https://github.com/rvsp/typescript-oops/blob/master/Practice/Movie.md
2. https://github.com/rvsp/typescript-oops/blob/master/Practice/class-circle.md
3. Write a “person” class to hold all the details.
4. write a class to calculate uber price.

The class Movie is stated below. An instance of class Movie represents a film. This class has the following three properties:

* title, which is a String representing the title of the movie
* studio, which is a String representing the studio that made the movie
* rating, which is a String representing the rating of the movie (i.e. PG­13, R, etc)

a) Write a constructor for the class Movie, which takes a String representing the title of the movie, a String representing the studio, and a String representing the rating as its arguments, and sets the respective class properties to these values.

Answer-

class car {

constructor(title, studio, rating) {

this.title = title;

this.studio = studio;

this.rating = rating

}

}

var s1 = new car("titanic", "dsynep", 9.5)

b) The constructor for the class Movie will set the class property rating to "PG" as default when no rating is provided.

Answer:-

class car {

constructor(title, studio, ) {

this.title = title;

this.studio = studio;

this.rating = "pg";

}

}

var s1 = new car("titanic", "dsynep")

d) Write a piece of code that creates an instance of the class Movie with the title “Casino Royale”, the studio “Eon Productions”, and the rating “PG­13”

Answer:-

class Movie {

constructor(title, studio, rating) {

this.title = title;

this.studio = studio;

this.rating = rating;

}

}

var mov = new Movie("Casino Royale", "EonProductions", "PG-13");

2)

class Circle {

constructor(radius) {

this.radius = radius;

}

circumference() {

*return* Math.PI \* this.radius \* 2;

}

area() {

*return* Math.PI \* this.radius \* this.radius;

}

}

var mov = new Circle(8);

3)Write a “person” class to hold all the details.

class person {

constructor(name, age, sex, profession) {

this.name = name;

this.age = age;

this.sex = sex;

this.profession = profession;

}

}

var mov = new person("joe", 23, "PG-male", "student");

4)write a class to calculate uber price

class person {

constructor(drivername, age, sex, travel\_distance\_kms, cost\_per\_km) {

this.drivername = drivername;

this.age = age;

this.sex = sex;

this.travel\_distance\_kms = travel\_distance\_kms;

this.cost\_per\_km = cost\_per\_km;

}

}

var mov = new person("joe", 23, "PG-male", 300, 10);

var total\_cost = mov.travel\_distance\_kms \* mov.cost\_per\_km;

console.log(`you total cost for tavel is ${total\_cost}`)