1. <https://github.com/rvsp/typescript-oops/blob/master/Practice/Movie.md>

class Movie {

  constructor(title, studio, rating) {

    this.title = title;

    this.studio = studio;

    this.rating = rating;

  }

  getPG() {

    return this.rating;

  }

}

let x = new Movie('Casino Royale', 'Eon Productions', 'PG­13');

console.log(x);

console.log(x.getPG());

2. <https://github.com/rvsp/typescript-oops/blob/master/Practice/class-circle.md>

const pi = 3.1412;

class Circle {

  constructor(radius, color) {

    this.radius = radius;

    this.color = color;

  }

  getradius() {

    return this.radius;

  }

  getcolor() {

    return this.color;

  }

  getarea() {

    return pi \* Math.pow(this.radius, 2);

  }

  getcircumference() {

    return 2 \* pi \* this.radius;

  }

}

let x = new Circle(1.0, 'red');

console.log(x.getradius(), x.getcolor(), x.getarea(), x.getcircumference());

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

class Person {

  constructor(name, dob, email, mobileNo, age, gender, qualification, matrialStatus, address, state, country){

    this.name = name;

    this.dob = dob;

    this.email = email;

    this.mobileNo = mobileNo;

    this.age =age;

    this.gender = gender;

    this.qualification = qualification;

    this.matrialStatus = matrialStatus;

    this.address = address;

    this.state = state;

    this.country = country;

  }

}

let details = new Person('Arun', '15.06.1998', 'xyz@gmail.com', '824856XXX8', 24, 'Male', 'B.Sc Mathematics', 'Single', 'platNo 8, xyz street, chennai', 'Tamilnadu', 'India');

console.log(details);

4. write a class to calculate uber price

// Uber price in 1km = 15rs

class Uber {

  constructor(km) {

    this.km = km;

  }

  getPrice() {

    return this.km \* 15;

  }

}

let price = new Uber(40);

console.log(price.getPrice());