**DAY -7 TASK**

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

**Class – Movie;**

Ans:

class Movie {

constructor (title, studio, rating = "PG") {

this.title = title

this.studio = studio

this.rating = rating

}

}

const favMovie = new Movie("Casino Royale", "Eon Productions" , "PG13")

console.log(favMovie);

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

let 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 \* this.radius \* this.radius;

}

getcircumference() {

return 2 \* pi \* this.radius;

}

}

let a = new circle(1.0, "red");

console.log(a.getradius());

console.log(a.getcolor());

console.log(a.getarea());

console.log(a.getcircumference());

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

class Person {

constructor (firstName, lastName, DOB, address, jobTitle, yearsOfExperience) {

this.firstName = firstName

this.lastName = lastName

this.DOB = DOB

this.address = address

this.jobTitle = jobTitle

this.yearsOfExperience = yearsOfExperience

}

}

const details = new Person("Sai Praneeth", "Pegada" , "13 Nov" , "H.no-53B Pranahitha Colony" , "Full stack", 0)

console.log(details);

1. **write a class to calculate uber price.**

class uberprice{

constructor(baseprice,kilometre,tax){

this.baseprice=baseprice;

this.kilometre=kilometre;

this.tax=tax;

}

}

const price = new uberprice(100,10,200);

console.log(price);