**Day 6 Task**

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

class circle{

constructor(radius,color){

this.radius=radius;

this.color=color;

}

getRadius(){

return this.radius;

};

setRadius(value){

this.radius = value;

};

getcolor();

setcolor();

getArea(){

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

};

getCircumference(){

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

};

let cir = new Circle(1.0,"red");

const myCircle = new Circle(1.0, "red");

console.log(myCircle.radius);

console.log(myCircle.color);

**2.write a class to calculate the uber price**

class Uberprice{

constructor(distance,duration,basefare,costpermile,costperminute){

this.radius=distance;

this.duration=duration;

this.basefare=basefare;

this.costpermile=costpermile;

this.costperminute=costperminute;

}

totalprice(){

return this.basefare+(this.distance\*this.costpermile)+(this.duration\*this.costperminute);

}

}

const myUber = new Uberprice(8,20,,60,24,5);

console.log(myUber.totalPrice());

**3.https://github.com/rvsp/typescript-oops/blob/master/Practice/Movie.md**

class Movie {

constructor(title,studio,rating){

this.title = title;

this.studio = studio;

if(rating ==="")

{

this.rating ="PG";

}

else{

this.rating =rating;

}

}

getPG(arr){

return;

}

}

let film =new Movie("Harry potter","Warner Bros.picture","PG13");

let ipArr =[{title:"",studio:"",rating:""},

{title:"",studio:"",rating:""},

{title:"",studio:"",rating:""}];

film.getPG(ipArr);

console.log(title);

console.log(studio);

console.log(rating);

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

class Employee{

constructor(){

console.log("Employee");

}

getID(){

return2;

}

}

class person extends Employee{

constructor(){

super();

console.log("person");

}

getName(){

return"Anbarasi";

}

}

let personobj =new person("guvi");

console.log(personObj.getName());

console.log(personobj.getID());