Shape

Interface Shape

Abstract Double calculateArea();

Student

Name, branch, marks

@Override

Boolean isOutstanding()

Abstract class Person

String name

Abstract Boolean isOutstanding();

Hr

Gratuity

@Override

Double calculateSalary(){

Return super.calculateSalary()+gratuity;

}

Developer

Incentive

@Override

Double calculateSalary(){

Return super.calculateSalary()+incentive;

}

Class Employee

Name, id, basic, da, hra

Getters and setters

Double calculateSalary(){

Return basic+da+hra;

}

Rectangle

Length, breadth

@Override Double calculateArea()

Triangle

Base, height

@Override Double calculateArea()

Circle

Radius

@Override Double calculateArea()

Trainee

Name, session, marks

@Override Boolean isOutstanding()

Trainer

Name, subject, rating

@Override Boolean isOutstanding()

Professor

Name, dept, books

@Override Boolean isOutstanding()