public class Employees

{

private String rank;

private int id;

private String name;

private double basic\_salary;

public Employees(String rank, int id, String name, double basic\_salary)

{

this.rank = rank;

this.id = id;

this.name = name;

this.basic\_salary = basic\_salary;

}

public String getRank()

{

return rank;

}

public void setRank(String rank)

{

this.rank = rank;

}

public int getId()

{

return id;

}

public void setId(int id)

{

this.id = id;

}

public double getBasicSalary()

{

return basic\_salary;

}

public void setBasicSalary(double basic\_salary)

{

if(basic\_salary >= 30000)

this.basic\_salary = basic\_salary;

else

System.out.println("BASIC SALARY MUST BE AT LEAST 30000!");

this.basic\_salary = 30000;

}

public double calculateTotalSalary()

{

double total\_salary = 0.0;

double HRA = (15/100) \* basic\_salary;

double MA = (10/100) \* basic\_salary;

if(rank.equals("Lecturer"))

{

double FYPA = (7/100) \* basic\_salary;

total\_salary = basic\_salary + HRA + MA + FYPA;

}

else if(rank.equals("Assistant Professor"))

{

double PhDA = (10/100) \* basic\_salary;

total\_salary = basic\_salary + HRA + MA + PhDA;

}

else if(rank.equals("Research Assistant"))

{

total\_salary = basic\_salary + HRA + MA;

}

return total\_salary;

}

public void printEmployeeData()

{

System.out.print("\n\n");

System.out.println("RANK : " + rank);

System.out.println("ID : " + id);

System.out.println("NAME : " + name);

System.out.println("BASIC SALARY : " + basic\_salary);

System.out.println("TOTAL SALARY : " + calculateTotalSalary());

System.out.print("\n\n");

}

}

import java.util.Scanner;

public class EmployeesTest

{

public static void main(String [] args)

{

String rank;

int id;

String name;

double basic\_salary;

Scanner input = new Scanner(System.in);

Scanner inputString = new Scanner(System.in);

System.out.print("ENTER RANK OF EMPLOYEE:");

rank = inputString.nextLine();

System.out.print("ENTER ID:");

id = input.nextInt();

System.out.print("ENTER NAME:");

name = inputString.nextLine();

System.out.print("ENTER BASIC SALARY:");

basic\_salary = input.nextDouble();

Employees e1 = new Employees(rank, id, name, basic\_salary);

e1.printEmployeeData();

}

}

