

1.create an interface called GovtRules which defines prototype for methods like

1.public double EmployeePF(double basicSalary);

2.public string LeaVeDetails();

3.public double gratuityAmount(float serviceCompleted,double basicSalary);

Implement the interface in classes like TCS,Accenture

All classes should have datamembers like empid,name,dept,desg and basic salary

All values should be assigned through parameterized constructor

and data should be displayed using properties.

If class is TCS , 12% of basic salary of employee should go for PF and 8.33% of basic salary should go for PF as employer contribution and 3.67% of Basic Amount should go for Pension Fund from employer contribution.

Leave Details for TCS is

1 day of Casual Leave per month

12 days of Sick Leave per year

10 days of Previlage Leave per year

Gratuity amount : if the no of service year completed in the same company is > 5 , 1month basic salary will be deposited in gratuity amount

if >10 years service , $2 * \text{basic salary} = \text{gratuity amount}$

if >20 years service , $3 * \text{basic salary} = \text{gratuity amount}$

if < 5 no gratuity.

If class is Accenture ,

12% of basic salary of employee should go for PF and 12% of employer contribution should go to PFfrom employer contribution.

Leave Details for Accenture is

2 day of Casual Leave per month

5 days of Sick Leave per year

5 days of Previlage Leave per year

Gratuity amount : Not applicable

implement the methods accordingly and display the detailed output.