Question : Interface and abstract classes

An organization has employees belong to different categories. Three of these categories are executives, supervisors, and peons. Every employee has an employee code. Apart from that HR department maintains records of employee name, address, date of birth etc… Every employee is paid an incentive at the end of the year which is 10% of the salary. If the salary is under Rs.5000.00, incentive is not paid.

i   Create an interface '*paybonus*' which has a method '*calcincentive*'

ii   Create a class 'employee' having properties employeeid, employeename, address, dob and salary. Include a constructor to assign values to above properties. Include a method '*displayinfo*' to display the values of above properties.

iii   Create a class 'executive' extending 'employee' class and implementing '*paybonus*' interface. Override the methods appropriately. Include an additional property   *travelallowance* which is paid only to executives.

iv   Indika Peiris joined as an executive to the above organization- He is offered a basic salary of Rs. 20,000.00 per month with a travel allowance of Rs. 2000.00 per month. Write a separate class with the 'main' method to display Indika Peiris's salary information.