M.R.M.MARASINGHE – 27982

**Practical 03 – Encapsulation**

**Exercise 3-1:**

package com.mycompany.testemp;

public class TestEmp

{

public static void main(String[] args)

{

Employee emp=new Employee("Anne",28,70000.0);

System.out.println("Employee Name: "+emp.getName());

System.out.println("Employee Age: "+emp.getAge());

System.out.println("Employee Salary: "+emp.getSalary());

}

}

package com.mycompany.testemp;

public class Employee

{

private String Name;

private int Age;

private double Salary;

public Employee(String Name,int Age,double Salary)

{

this.Name=Name;

this.Age=Age;

this.Salary=Salary;

}

public String getName()

{

return Name;

}

public int getAge()

{

return Age;

}

public double getSalary()

{

return Salary;

}

}

**Exercise 3-2:**

package com.mycompany.testemployee;

public class TestEmployee

{

public static void main(String[] args)

{

Employee emp=new Employee("Bogdon",50000,10000);

System.out.println("Employee Name: "+emp.getName());

System.out.println("BasicSalary: "+emp.getBsal());

System.out.println("Bonus: "+emp.getBns());

System.out.println("Bonus Amount: "+emp.calcBnsAmount());

}

}

package com.mycompany.testemployee;

public class Employee

{

private String Name;

private double Bsal;

private double Bns;

public Employee(String Name,double Bsal,double Bns)

{

this.Name=Name;

this.Bsal=Bsal;

this.Bns=Bns;

}

public String getname()

{

return Name;

}

public void setName(String Name)

{

this.Name=Name;

}

public double getBsal()

{

return Bsal;

}

public void setBsal(double Bsal)

{

this.Bsal=Bsal;

}

public double getBns()

{

return Bns;

}

public void setBns(double Bns)

{

this.Bns=Bns;

}

public double calcBnsAmount()

{

return Bsal+Bns;

}

}