Develop a code for the following scenario.

"An encapsulated class contains three variables to store Name, Age and Salary of the employee. Evelop getters and setters to set and get values . Develop a test class to test your code."

```
public class Employee
  //variables
  private String name;
  private int age;
  private float salary;
  //getters and setters
  public void setName(String n)
    name=n;
  public String getName()
    return name;
  public void setAge(int a)
    age=a;
  public int getAge()
```

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```
return age;
  public void setSalary(float s)
    salary=s;
  public float getSalary()
    return salary;
public class Test
  public static void main(String[] args)
    Employee e1=new Employee();
    e1.setName("Amal perera");
    e1.setAge(32);
    e1.setSalary(125000.00f);
    System.out.println("Employee name: "+e1.getName());
    System.out.println("Employee age: "+e1.getAge());
    System.out.println("Employee salary: "+e1.getSalary());
```

```
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}
Now modify the same code by trying to replace the setters using a constructor.
public class Employee
  //variables
  private String name;
  private int age;
  private float salary;
 //constructor
  public Employee(String name,int age,float salary)
  {
    this.name=name;
    this.age=age;
    this.salary=salary;
Code for the last example has been discussed during the class. We need the following Output. (Use
Netbeans code generation option where necessary)
Employee Name: xxxxx (Use setter to set and getter to retrieve)
Basic Salary: xxxx (Use setter to set and getter to retrieve)
Bonus: xxxx (You may use the constructor to pass this value)
Bonus Amount: xxxxx (Develop a separate method to calculate Bonus amount. Bonus amount is the total
of Bonus and Basic Salary)
```

E.g.

Employee Name: Bogdan Basic Salary: 50000 Bonus: 10000

Bonus Amount: 60000

```
public class Test
  //data
  private String empName;
  private float bsalary;
  private float bonus;
  //methods
  public void setempName(String n)
    empName=n;
  public String getName()
    return empName;
  public void setBsalary(float s)
    bsalary=s;
  public float getSalary()
    return bsalary;
  }
  public Test (float b)
```

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```
bonus=b;
  public float getBonus()
    return bonus;
  public float nSalary()
    float netSalary=bsalary+bonus;
    System.out.println("Bonus Amount: "+netSalary);
    return netSalary;
public class EncapTest
  public static void main(String[] args)
    Test t1=new Test (10000.00f);
    t1.setempName("Bogdan");
    t1.setBsalary(50000.00f);
    System.out.println("Employee Name: "+t1.getName());
    System.out.println("Basic Salary: "+t1.getSalary());
    System.out.println("Bonus:"+t1.getBonus());
    t1.nSalary();
```