**PRACTICAL 03 – ANSWERS**

**3-1)**

public class **Employee**

{

private String name;

private int age;

private double salary;

public String **getName()**

{

return name;

}

public int **getAge()**

{

return age;

}

public double **getSalary()**

{

return salary;

}

public void **setName**(String name)

{

this.name = name;

}

public void **setAge**(int age)

{

this.age = age;

}

public void **setSalary**(double salary)

{

this.salary = salary ;

}

}

public class **TEmployee**

{

public static void main(String[] args)

{

Employee **emp1** = new Employee()

emp.**setName**("SAMAN");

emp.**setAge**(45);

emp.**setSalary**(70000.00);

String **name** = emp.**getName**();

int **age** = emp.**getAge**();

double **salary** = emp.**getSalary**();

System.out.println("**Name:** " + name);

System.out.println("**Age:** " + age);

System.out.println("**Salary:** " + salary);

}

}

**3-2)**

public class **Employee**

{

private String name;

private double bSalary;

private double bonus;

public **Employee**(String name, double bSalary, double bonus)

{

this.name = name;

this.bSalary = bSalary;

this.bonus = bonus;

}

public String getName()

{

return name;

}

public double getBSalary()

{

return bSalary;

}

public double getBonus()

{

return bonus;

}

public double calculateBonusAmount()

{

return bSalary + bonus;

}

}

public class **TEmployee**

{

public static void main(String[] args)

{

Employee **emp2** = new Employee("Bogdan", 50000.0, 10000.0);

String name = emp.getName();

double bSalary = emp.getBSalary();

double bonus = emp.getBonus();

double bonusAmount = emp.calculateBonusAmount();

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

System.out.println("Basic Salary: " + bSalary);

System.out.println("Bonus: " + bonus);

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

}

}