

JAVA LAB EXPERIMENT NO: 02

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CLASS: SE9

BATCH: C

ROLL NO: 38

AIM: Program to create class with members and methods, accept and display details for single object.

PROBLEM STATEMENT: Write a program to create a class Employee. Employee details include empId, empName, Basic salary, DA, HRA, Income tax. Calculate the gross salary of an employee($\text{Gross sal} = \text{Basic salary} + \text{DA} + \text{HRA} + \text{Income tax}$). Accept and display the details one employee.

PROGRAM:


```
import java.util.*;
class Employee_
{
    String empId,empName;
    Employee_() //accepting values
    {
        float bs,DA,HRA,iTax,grossSalary;
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter employee Id: ");
        empId=sc.nextLine();
        System.out.println("Enter employee Name: ");
        empName=sc.nextLine();
        System.out.println("Enter employee's basic salary: ");
        bs=sc.nextInt();
        System.out.println("Enter employee's DA: ");
        DA=sc.nextInt();
        System.out.println("Enter employee's HRA: ");
        HRA=sc.nextInt();
        System.out.println("Enter employee's Income tax: ");
        iTax=sc.nextInt();
    }
    void calcGS() //to calculate gross salary
    {
        grossSalary=bs+DA+HRA+iTax;
    }
    void display() //to display the details
    {
        System.out.println("Employee Id: "+empId);
        System.out.println("Employee Name: "+empName);
        System.out.println("Employee's Basic Salary: "+bs);
        System.out.println("Employee's Da: "+DA);
        System.out.println("Employee's HRA: "+HRA);
        System.out.println("Employee's IncomeTax: "+iTax);
    }
}
```

```

        System.out.println("\nEmployee's Gross salary: "+grossSalary);
    }
}
class employee
{
    public static void main(String args[])
    {
        Employee_ e1=new Employee_(); //creating an object
        e1.calcGS(); //calls the function from previous class
        e1.display();
    }
}

```

OUTPUT:

 BlueJ: Terminal Window - bluej

Options

```

Enter employee Id:
12345
Enter employee Name:
Abhay
Enter employee's basic salary:
25000
Enter employee's DA:
2500
Enter employee's HRA:
3000
Enter employee's Income tax:
1500
Employee Id: 12345
Employee Name: Abhay
Employee's Basic Salary: 25000.0
Employee's Da: 2500.0
Employee's HRA: 3000.0
Employee's IncomeTax: 1500.0

Employee's Gross salary: 32000.0
    
```