**A class called Employee, which models an employee with an ID, name and salary, is designed as**

**shown in the following class diagram. The method raiseSalary (percent) increases the salary by**

**the given percentage. Develop the Employee class and suitable main method for demonstration.**

Save Filename as as: EmployeeMain.java

Solution:-

import java.util.Scanner;

class Employee

{

private int id;

private String name;

private double salary;

public Employee (int id, String name, double salary)

{

this.id = id;

this.name = name;

this.salary = salary;

}

public int getId ()

{

return id;

}

public String getName ()

{

return name;

}

public double getSalary ()

{

return salary;

}

public void raiseSalary (double percent)

{

salary += salary \* percent / 100.0;

}

}

public class EmployeeMain

{

public static void main (String[] args)

{

Scanner scanner = new Scanner (System.in);

System.out.println ("Enter Employee ID:");

int id = scanner.nextInt ();

System.out.println ("Enter Employee Name:");

scanner.nextLine (); // Consume newline left-over

String name = scanner.nextLine ();

System.out.println ("Enter Employee Salary:");

double salary = scanner.nextDouble ();

Employee emp = new Employee (id, name, salary);

System.out.println ("Employee ID: " + emp.getId ());

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

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

System.out.println ("Enter raise percentage:");

double percent = scanner.nextDouble ();

emp.raiseSalary (percent);

System.out.println ("Employee Salary after raise: " +

emp.getSalary ());

scanner.close ();

}

}

Compile As: javacEmployeeMain.java

Run As: java EmployeeMain

Output:

Enter Employee ID:

1

Enter Employee Name:

ABC

Enter Employee Salary:

20000

Employee ID: 1

Employee Name: ABC

Employee Salary: 20000.0

Enter raise percentage:

15

Employee Salary after raise: 23000.0