In an organization they decide to give bonus to all the employees on New Year. A 5% bonus on salary is given to the grade A workers and 10% bonus on salary to the grade B workers. Write a program to enter the salary and grade of the employee. If the salary of the employee is less than $10,000 then the employee gets an extra 2% bonus on salary Calculate the bonus that has to be given to the employee and print the salary that the employee will get.

CODE:

import java.util.Scanner;

public class EmployeeBonusCalculator {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

// Input salary and grade

System.out.print("Enter the salary of the employee: $");

double salary = scanner.nextDouble();

System.out.print("Enter the grade of the employee (A or B): ");

char grade = scanner.next().charAt(0);

// Calculate bonus

double bonusPercentage = 0.0;

if (salary < 10000) {

bonusPercentage += 0.02; // 2% bonus for salary less than $10,000

}

if (grade == 'A') {

bonusPercentage += 0.05; // 5% bonus for grade A workers

} else if (grade == 'B') {

bonusPercentage += 0.10; // 10% bonus for grade B workers

} else {

System.out.println("Invalid grade entered.");

return;

}

double bonus = salary \* bonusPercentage;

double totalSalary = salary + bonus;

// Print total salary

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

System.out.println("Total salary: $" + totalSalary);

}

}

OUTPUT:

C:\javap>javac EmployeeBonusCalculator.java

C:\javap>java EmployeeBonusCalculator

Enter the salary of the employee: $800

Enter the grade of the employee (A or B): B

Bonus: $96.00000000000001

Total salary: $896.0

