VIT - Vellore

Name: DIVYANSHU SINGH .
Email: divyanshu.singh2024a@vitstudent.ac.in
Roll no: 24BCT0101
Phone: 9999999999
Branch: PRIYADHARSINI M_OOPS
Department: admin
Batch: VL2024250502354
Degree: admin

BCSE102P_Structured and Object Oriented Programming Lab_VL2024250502354

VIT V_Structured and OOP_Lab 5_COD_Hard_Call by reference

Attempt : 1
Total Mark : 10
Marks Obtained : 10

Section 1 : Coding

1. Problem Statement

Write a program to calculate the updated salary of an employee after a salary hike meeting. The current salary is computed by totaling the previous salary and the hike percentage of the previous salary.

Function Name: void currentSalary(int **rate ,int **salary)

Answer

```
#include <iostream>
#include <iomanip>
using namespace std;

void currentSalary(int **rate ,int **salary){
```

```cpp
    double hikePercentage = **rate;
    double oldSalary = **salary;
    double newSalary = oldSalary + (hikePercentage / 100) * oldSalary;
    cout << fixed << setprecision(2) << newSalary << endl;
}

int main() {
    int hike;
    cin >> hike;
    int salary;
    cin >> salary;
    int *hikePtr = &hike;
    int *salaryPtr = &salary;
    int **hikePtrPtr = &hikePtr;
    int **salaryPtrPtr = &salaryPtr;
    currentSalary(hikePtrPtr, salaryPtrPtr);
    return 0;
}
```

Status : Correct   *Marks : 10/10*