**New Salary Calculator**

**Project Summary**

This C++ program takes the salary of three employees from a text file (Data.txt) and raises it by 5%. It then outputs the employee’s last name, first name and new salary on a new file (Output.dat.txt).

**Prerequisites**

Dev-C++

**Running the Program**

C++ is a general-purpose programming language with a bias toward systems programming that.

•Is a “better C”

•Supports data abstraction

•Supports object-oriented programming

•Supports generic programming.

**Text Files**

Data.txt includes three employees by their first and last name and current salary.

Output.dat.txt includes employees by last name, first name and new calculated salary.

**Class: Calculator**

This is a user clear program that calculates updated salary.

**Files**

inFile.open("Data.txt")

outFile.open("Output.dat.txt")

*open/creates files.*

**Attributes**

| **Attribute** | **Description** |
| --- | --- |
| ifstream inFile; | a file stream class used for file handling/opening. |
| ofstream outFile; | This data type represents the output file stream and is used to create files. |
| string firstName; | Makes the first name from the file a variable. |
| string lastName | Makes the last name from the file a variable. |
| double currentSalary; | A numerical variable for the current salary. |
| double payIncrease; | A numerical variable for the pay increase. |
| double updatedSalary; | A numerical variable for the new updated salary. |
| payIncrease | The numerical variable of .05 for the 5% pay increase. |