

OOP Class Assignment

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CSE 3

Introduction

Java program that takes in user input for employee/student data and performs appropriate operations and stores said data in a text file.

Package Used : java.io

Classes used : BufferedReader, FileWriter, IOException, InputStreamReader, StringTokenizer

Description

Input format for employee : emp,Laughing Fox,15000,3000

Explanation : emp tells the program that the data is of an employee, Laughing Fox is the employee name, 15000 is the employee salary and 3000 is misc allowance.

Input format for employee : stud,Running Fox,98,99,100

Explanation : stud tells the program that the data is of a student, Running Fox is the student name, the numbers are scores scored in each consecutive year by the student.

- Entering exit quits the code and saves the entered data into a text file.

Input/Output

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PS D:\Mahindra Notes and schedule\Semester 5\OOPs\Lab\lab_works\class_assignment1> javac solution.java
PS D:\Mahindra Notes and schedule\Semester 5\OOPs\Lab\lab_works\class_assignment1> java solution
Enter employee/student data seperated by commas.Enter it as follows (designation type(emp or stud),Name,data*) (Enter 'exit' to quit the program) emp,Laughin
g Fox,15000,3000
Enter employee/student data seperated by commas.Enter it as follows (designation type(emp or stud),Name,data*) (Enter 'exit' to quit the program) emp,potato
melon,20000,1200
Enter employee/student data seperated by commas.Enter it as follows (designation type(emp or stud),Name,data*) (Enter 'exit' to quit the program) stud,Runnin
g Fox,98,99,100
Enter employee/student data seperated by commas.Enter it as follows (designation type(emp or stud),Name,data*) (Enter 'exit' to quit the program) exit
Data saved to 'employee_student_data.txt'.
Beep Boop, I go now.
PS D:\Mahindra Notes and schedule\Semester 5\OOPs\Lab\lab_works\class_assignment1> cat .\employee_student_data.txt
Employee: Name - Laughing Fox, Salary - 15000.0, Additional stuff - 3000.0, Gross Salary - 18000.0
Employee: Name - potato melon, Salary - 20000.0, Additional stuff - 1200.0, Gross Salary - 21200.0
Student: Name - Running Fox,Current Year - 3, Total/Gross Marks - 289.0
PS D:\Mahindra Notes and schedule\Semester 5\OOPs\Lab\lab_works\class_assignment1>
```