Java Assignment 3

Create class Employee, that will be used to store general information about employees. Class should keep information about full name and department.

From this base class you are supposed to create inherited classes for each employee type. Types are split into files, where file name represents employee type.

•Manager - file has full name, department, base salary and bonus

• Worker - file has full name, department, base salary, hourly rate and hours worked (monthly average)

• Intern filled has full name, department

• Freelancer - file has full name, department, hourly rate and hours worked (monthly

average)

• Sales - full name, department, base salary and commission (fixed amount, monthly average)

• Create builder pattern for Employee class

Each file should be a separate class inheriting from Employee. And implementing calculateSalary method (override from Employee)

Once you have completed classes and file processing, please generate following reports:

• Top 10 employees with highest salary (all employees)

• Top 10 employees with highest salary (per employee type)

Top 10 employees with highest salary across departments

• Create builder pattern for Employee class

Reference materials (these are csv files that should be used)

intern.csv

freelancer.csv

manager.csv

sales.csv

worker.csv