Java Technical Task

Requirements

- No user interface or database is required
- Create as mock data as you need in order to provide a working demo
- Production ready code
- Write down any assumptions during development
- We expect you to spend somewhere in the region of 4 hours on this task

Description

Design and implement a billing system for employees of client 'X'. The client is a company having in house and outsourced employees. There are the following log entries which will be considered as input to your system.

Example:

ID	In house / Outsource	Date	Hours	Hourly Rate	Fixed Cost
A17	I	22/05/2017	7.5	22	0
A239	O	21/05/2017	8.4	19	10

- The amount of cost is calculated as follows:
  - Amount of cost = (Hours * Hourly Rate) + Fixed Cost
- I and O stands for in house and outsource respectively

Output

Implement the following reports:

1. Total cost per day (one report for in house and one for outsourced employees)
2. Ranking report (one report for in house and one for outsourced employees). For example employee with the biggest sum for all given dates for outsource, is placed 1st in the outsourced ranking report.

Deliverable

Send us a link with your public Git repository (such as GitHub or GitLab).