## Company Roster

Define a class **Employee** that holds the following information: **name, salary, position, department, email** and **age**. The **name, salary**, **position** and **department** are **mandatory** while the rest are **optional**.

Your task is to write a program which takes **N** lines of information about employees from the console and calculates the department with the highest average salary and prints for each employee in that department his **name, salary, email and age** - **sorted by salary in descending order**. If an employee **doesn’t have** an **email** – in place of that field you should print **"n/a"** instead, if he doesn’t have an **age** – print **"-1"** instead. The **salary** should be printed to **two decimal places** after the seperator.

**Hint**: you can define a **Department** class that holds list of employees.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 4  Pesho 120.00 Dev Development pesho@abv.bg 28  Toncho 333.33 Manager Marketing 33  Ivan 840.20 ProjectLeader Development ivan@ivan.com  Gosho 0.20 Freeloader Nowhere 18 | Highest Average Salary: Development  Ivan 840.20 ivan@ivan.com -1  Pesho 120.00 pesho@abv.bg 28 |
| 6  Stanimir 496.37 Temp Coding stancho@yahoo.com  Yovcho 610.13 Manager Sales  Toshko 609.99 Manager Sales toshko@abv.bg 44  Venci 0.02 Director BeerDrinking beer@beer.br 23  Andrei 700.00 Director Coding  Popeye 13.3333 Sailor SpinachGroup popeye@pop.ey | Highest Average Salary: Sales  Yovcho 610.13 n/a -1  Toshko 609.99 toshko@abv.bg 44 |