

FUJITSU CANADA INC.

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Write a windows compatible application in a major programming language (Java, C#, C++, Python, etc...) that reads a text file containing employee information and outputs the sorted data to the console. The application should accept the file path/name as an input argument and not prompt the user for any input.

Input file format:

- Comments are preceded by the '#' (hash-tag) character
- The data consists of an employee number and employee name separated by a ',' (comma) delimiter
- The employee name consists of first and last name separated by a ' ' (space) delimiter

An example of the input text file:

```
#####  
#  
# Employee information  
# Employee number, employee name  
102,Mary Major  
103,Zachery Zoe  
101, John Doe  
104,Joe Public  
110,Carla Coleman
```

Requirements:

1. The input file "employees.dat" (sample attached) must be loaded from the same directory where the application exists
2. The input file content should not be modified
3. Sort the input file contents by employee number and send the output to the console
4. Sort the input file contents alphabetically by employee last name and send the output to the console
5. Do not include comments in the sorted output
6. Each employee record on a separate line
7. Each line consists of Employee number, Employee Name
8. The console application name should be "EReport"

An example of the expected output:

```
Processing by employee number...  
101,John Doe  
102,Mary Major  
103,Zachery Zoe  
104,Joe Public  
110,Carla Coleman
```

```
Processing by last (family) Name...  
110,Carla Coleman  
101,John Doe  
102,Mary Major  
104,Joe Public  
103,Zachery Zoe
```

Test:

- We will run the application against our evaluation copy of "employees.dat" to determine its functionality

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