Create program that will able the user to perform the following:

1. Display No. of Employees
2. List the Employee Name (Lastname, Firstname and age) of employees based on age range (bottom, top).
3. List of Employees (Lastname, Firstname and City) residing in a given city
4. Display number of employee in a given county.
5. Count no. of employee by email provider site.

Note:

Employee Record is composed of the following:

* first\_name
* last\_name
* address
* city
* county
* state
* bdate
* zip
* phone1
* phone2
* email
* web

In the given string from the module empData, Each employee data is separated by comma (,). Each record is separated by semicolon (;).

Rubric:

* Functionality **40**
* Appropriate use of data structure (list, tuples, dict, sets) **20**
* Able to use String and Date function **10**
* Create appropriate user-defined function/modules to accomplish the tasks. **20**
* Program Design/Output consideration. **10**

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| Input | Expected | Output | Passed? | Remarks |
| A | 500 | Number of Employees: 500 | Yes |  |
| B  10  30 | <134 items> | <134 items> | Yes |  |
| B  40  60 | <218 items> | <218 items> | Yes |  |
| B  70  90 | <0 items> | There are No Employees with Ages Between and Including 70 and 90 | Yes |  |
| B  0  1000 | <500 items> | <500 items> | Yes |  |
| B  50  40 | Try again | Maximum Age Must be Greater Than or Equal to the Minimum Age  Please Enter a Valid Maximum Age. Input Value: 40 | Yes |  |
| B  -1 | Try Again | Please Enter a Valid Minimum Age. Input Value: -1 | Yes |  |
| B  0  -1 | Try Again | Maximum Age Must be Greater Than or Equal to the Minimum Age  Please Enter a Valid Maximum Age. Input Value: -1 | Yes |  |
| B  0  15 | <0 items> | There are No Employees with Ages Between and Including 0 and 15 | Yes |  |
| B  20  70 | <467 items> | <467 items> | Yes |  |
| C  BINAN | none | There are No Employees Residing in BINAN | Yes |  |
| C  Phoenix | Borgman Keneth  Eschberger Christiane  Parvis Arminda  Poquette Mattie  Sengbusch Elke | Employees Residing in the City of Phoenix:  1. Name: Poquette, Mattie City: Phoenix  2. Name: Parvis, Arminda City: Phoenix  3. Name: Eschberger, Christiane City: Phoenix  4. Name: Borgman, Keneth City: Phoenix  5. Name: Sengbusch, Elke City: Phoenix | Yes |  |
| C  hAnOveR | Lashaunda,Lizama | 1. Name: Lizama, Lashaunda City: Hanover | Yes |  |
| C  hayWARD | Dickerson, Dominique  Jacobos Refugia  Schnitzler Gayla | 1. Name: Dickerson, Dominque City: Hayward  2. Name: Schnitzler, Gayla City: Hayward  3. Name: Jacobos, Refugia City: Hayward | Yes |  |
| D  new york | 14 | Number of Employees in New York: 14 | Yes |  |
| D  orange | 11 | Number of Employees in Orange: 11 | Yes |  |
| D  plymouth | 1 | Number of Employees in Plymouth: 1 | Yes |  |
| D  ppp | 0 | There are No Employees in ppp | Yes |  |
| D  Providence | 5 | Number of Employees in Providence: 5 | Yes |  |
| E  Yahoo.com | 86 | Number of Employees Using 'yahoo.com' as Email Provider: 86 | Yes |  |
| E  cox.net | 70 | Number of Employees Using 'cox.net' as Email Provider: 70 | Yes |  |
| E  BuEmi.CoM | 1 | Number of Employees Using 'buemi.com' as Email Provider: 1 | Yes |  |
| E  CAUDY.ORG | 1 | Number of Employees Using 'caudy.org' as Email Provider: 1 | Yes |  |
| E  Hotmail.com | 71 | Number of Employees Using 'hotmail.com' as Email Provider: 71 | Yes |  |
| X | <Program terminates> | <Program terminates> | Yes |  |
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