

Unix Qn Title: OPA-Python-Unix : Count of Items With Lowest Price

Qn Text:

Item details are stored in a file in the following format separated by comma.

Item Id,Item Name,Item Price

Write the unix commands to do the following:

1. Redirect the item details provided in the test case to a file with a name of your choice. Use single redirection operator.
2. Find the lowest price of the item from the file in which you stored the item details in step 1. Store the value in a variable with a name of your choice
3. Find the count of the item(s) with minimum price from the list of items provided stored in the file . Use the variable in which you stored the value of the lowest price in Step 2 to access the lowest price.

Note : The content of the test case(Item details ,ie input data) are provided as the 1st command line argument when the file containing your commands will run. So, use shell variables (e.g. \$0,\$1,\$2) whichever is applicable to read and store into a input file and process the input file towards the given requirement. For more details, please refer to the sample input and output below.

Input Format For Custom Testing

The first line should contain the file header in the format *Item Id,Item Name,Item Price*

Provide the item details in the sequence of item id, item name and item price one by one in each line.

Sample Case

Assume that this complete data(sample below) is supplied through the first command line argument to a shell script, you implement . Use the command line argument inside the shell script to store the data into a file and process

Sample Input For Custom Testing

Item Id,Item Name,Item Price

4123,Table,5000

5000,Sofa,35000

1890,Bed,30000

111,Chair,5000

1098,Computer,30000

1200,Cellphone,5000

3123,iPad,30000

Sample Output

3

Explanation

The lowest price from the item details provided in the sample input is 5000.
There are three items whose price is 5000, namely Table, Chair and Cellphone.
Hence, the output is 3.