# 03. Words Sorting

Write a function **words\_sorting** which receives a different number of words.

Create a dictionary, which will have as keys the words that the function received. For each key, create a value that is the sum of all ASCII values of that key.

Then, **sort the dictionary**:

* **By values** in **descending** order, if the **sum of all values** of the dictionary is **odd**
* **By keys** in **ascending** order, if the **sum of all values** of the dictionary is **even**

***Note: Submit only the function in the judge system***

### Input

* There will be **no input**, just any number of words passed to your function

### Output

* The function should **return a string** in the format **"{key} - {value}"** for each key and value on a **separate lines**

### Constraints:

* There will be **no case** with **capital** letters.
* There will be **no case** with a string consisting of **other than letters**.

### Examples

|  |  |  |
| --- | --- | --- |
| **Test Code** | **Output** | **Comment** |
| print(  words\_sorting(  'escape',  'charm',  'mythology'  )) | charm - 523  escape - 625  mythology - 1004 | All of the ascii values of the 'escape' word are:  e = 101, s = 115, c = 99, a = 97, p = 112, e = 101  Their sum is 625.  We add it in the dictionary {'escape': 625}.  The ascii values of the 'charm' are:  c = 99, h = 104, a = 97, r = 117, m = 109  Their sum is 523.  We add it in the dictionary {'escape': 625, 'charm': 625}  The ascii values of the 'mythology' word are:  m = 109, y = 121, t = 116, h = 104, o = 111, l = 108, o = 111, g = 103, y = 121.  Their sum is 1004.  We add it in the dictionary  {'escape': 625, 'charm': 523, 'mythology': 1004}  When we sum 625 + 523 + 1004 = 2152. The result is even, and we sort the dictionary by keys in ascending order. |
| print(  words\_sorting(  'escape',  'charm',  'eye'  )) | escape - 625  charm - 523  eye - 323 |  |
| print(  words\_sorting(  'cacophony',  'accolade'  )) | accolade - 812  cacophony - 964 |  |