

Dictionary app

In this lab you have to build a console app – Dictionary. It has to return a meaning of the word which user inputs into the terminal.

```
Windows PowerShell
(C) Корпорация Майкрософт (Microsoft Corporation). Все права защищены.

PS D:\WORK\TEACHING\Des.App.Py\proj_1> python .\app1.py
Enter word: rain
```

The output:

```
Windows PowerShell
(C) Корпорация Майкрософт (Microsoft Corporation). Все права защищены.

PS D:\WORK\TEACHING\Des.App.Py\proj_1> python .\app1.py
Enter word: rain
Precipitation in the form of liquid water drops with diameters greater than 0.5 millimetres.
To fall from the clouds in drops of water.
PS D:\WORK\TEACHING\Des.App.Py\proj_1>
```

The output might also contain a list of meanings:

```
PS D:\WORK\TEACHING\Des.App.Py\proj_1> python .\app1.py
Enter word: mountain
A feature of the earth's surface that rises high above the base and has generally steep slopes and a relatively small summit area.
A great number or large amount of things not placed in a pile.
PS D:\WORK\TEACHING\Des.App.Py\proj_1>
```

The two lines coming after a word 'mountain' are two meanings of the word.

The app should also check for misspellings and in case of any suggest a right query:

```
Windows PowerShell
(C) Корпорация Майкрософт (Microsoft Corporation). Все права защищены.

PS D:\WORK\TEACHING\Des.App.Py\proj_1> python .\app1.py
Enter word: rainn
Did you mean rain instead? Enter Y if yes, or N if no: Y
Precipitation in the form of liquid water drops with diameters greater than 0.5 millimetres.
To fall from the clouds in drops of water.
```

If the word is not present in the base the app should return the notification about it:

```
PS D:\WORK\TEACHING\Des.App.Py\proj_1> python .\app1.pyEnter word: asfrgthryurkythsgnfræ
The word doesn't exist. Please double check it.
```

For this lab you may use external libraries and/or built-in modules.

Hint: you may use json and difflib (in particular get_close_matches)