

Task – 1

read data from file and display count of lines directed to particular assistant.

Eg:

sing me a song cortana

siri would you tell me what time is it

hey cortana how tall is effil tower

output:

cortana: 2

siri: 1

Task – 2a

create two separate (list/dictionary/tuple/set as per your choice) for cortana and siri containing all lines related to each one of them.

Line saved in list can't have multiple occurrences of same word.

Task – 2b

For each assistant classify list of lines generated above in two categories. Task or statement

Particular line will come under task group if it contains following 4 words
(‘what’, ‘when’, ‘how’, ‘why’)

Rest all lines without these words will come under statement

use any built in data type (list/dictionary/tuple/set) to represent your final output

display that structure

Try to implement it with minimal usage of looping structures

Task – 3

Setup redis database server on ubuntu.

Get idea about how to install python modules using pip.

Install pyredis.

Save structure created in above task in redis server and exit.

Create another program to handle job for siri and cortana and display their respective tasks and statements on console. It will take data directly from redis.

Guidelines:

- Functional Programming should be implemented.
- Avoid doing multiple operation under same function. Make functions meaningful.
- Use python 2.7
- Finally upload your code over git hub. And share details over whatsapp/Slack

Nothing should be written outside function except import statements, Global variables, function calls. Functional programming is mandatory. Avoid using Objects.

Deadline: 26 march, 2017

In Case of any query feel free to contact our core members.

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