

cell_type metadata/id

markdown fwU2iooz85jt
 markdown SzBQQ_ml85j:
 code UhvE4PBC85j:

markdown ds8G9S8j85j6
 code GD_TIs3H85j7
 code RRGOKoai85j:

markdown _bBNOu-785j9
 code 2TrzmDcS85j-

code s_dQ7_xc85j_
 markdown QAKtN7Hh85k
 code -7dzQDyK85kI
 code 6m5C0sTW85I
 markdown 9Ma7M4a185k
 code vrYAxSYN85k

code FIILSdm485kH
 markdown FInV_FKB85kI
 code _VBWf00q85k.

markdown zP-j0HZj85kK
 code unvEAwjK85kL
 code Gb9dspLC85k
 markdown gYydb-y085kIV
 code Q4ldLGV785kI
 code EqH6b7yv85kI
 markdown AyHQFALC85I
 code 6hdc169585kC
 code igzsvHb385kO

markdown 3n7jJt4k85kP

code nvXMkvWk85k
 code BU_UZcyk85k
 code p1AGJ7DM85I
 markdown Tie4rC7_kAOC
 code R5-CdXSKjact

markdown -L1aiFqRkF5s
 code 8ugVoEe0kOs

source/0

Exercises

**** What is 7 to the power of 4? ****

3

**** Split this string: ****

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8

**** Given the variables: ****

**** Given this nested list, use indexing to grab the word "hello" ****

lst = [1,2,[3,4],[5,[100,200,['hello']],23,11],1,7]

kE

**** Given this nest dictionary grab the word "hello". Be prepared, this will be annoying/tricky ****

d = {'k1':[1,2,3,{ 'tricky':['oh','man','inception',{'target':[1,2,3,'hello']}]}]}

**** What is the main difference between a tuple and a list? ****

J

**** Create a function that grabs the email website domain from a string in the form: ****

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L

**** Create a basic function that returns True if the word 'dog' is contained in the input string. Don't worry about edge cases**

M

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**** Create a function that counts the number of times the word "dog" occurs in a string. Again ignore edge cases. ****

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Problem

def caught_speeding(speed, is_birthday):

S

⌞R

Create an employee list with basic salary values(at least 5 values for 5 employees) and using a for loop retrieve each em

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Create two dictionaries in Python:

k

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source/1

****You are driving a little too fast, and a police officer stops you. Write a function**

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source/2

Answer the questions or complete the tasks outlined in bold below, use the specific method described if applicable.

s = "Hi there Sam!"

planet = "Earth"

user@domain.com

to return one of 3 possible results: "No ticket", "Small ticket", or "Big Ticket".

if is_birthday:

First one to contain fields as Empid, Empname, Basicpay

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execution_count metadata/outputId

outputs/0/data/text/plain/0

a05565aa-db43-4716-e87d-41c5c8a6f95e

2401

cc52f0d8-2ed1-4b4d-e956-5bbcb332cdc2 ['Hi', 'there', 'dad!']

4235fdfb-5591-4dd9-f9d2-77f311977633

c3417d1c-3081-4e24-8489-154cdce1b06b 'hello'

4232540d-95c2-461d-c78d-24ea62398e08 'hello'

4216116b-da08-45a2-9545-d6b13bcefaeb 'domain.com'

e7909af1-8df1-4534-fc8c-27b03d7369e5 True

0602a2b5-0b18-48d8-e2d4-fe644cbccf8a

2

699de8ef-a18c-436b-fdd9-60dc44979906 'Big Ticket'
ca80629f-5949-4926-8d27-1b61576669ac 'Small Ticket'

outputs/0/execution_count outputs/0/output_type

1 execute_result

3 execute_result

stream

14 execute_result

16 execute_result

26 execute_result

28 execute_result

31 execute_result

6 execute_result

5 execute_result

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source/3

diameter = 12742

If your speed is 60 or less, the result is "No Ticket". If speed is between 61

speeding = speed - 5

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source/4

****into a list. ****

****So for example, passing "user@domain.com" would return: domain.com****

and 80 inclusive, the result is "Small Ticket". If speed is 81 or more, the result is "Big Ticket". Unless it is your birthday else:

Second dictionary to contain fields as DeptName, DeptId.

izj8a-fa939

metadata/collapsed source/5

source/6

true

**** Use .format() to print the following string: ****

true

true

true

true

true

cases. ******
speeding = speed

true

Combine both dictionaries.

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source/7

outputs/0/name

The diameter of Earth is 12742 kilometers.

stdout

if speeding > 80:

izj8a-fa939

outputs/0/text/0

source/8

source/9

The diameter of Earth is 12742 kilometers.

return 'Big Ticket' elif speeding > 60:

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source/10

source/11source/12

```
return 'Small Ticket'    else:
                           return 'No Ticket'
```