Python -

String Assignment

Questions

Assignment

Q1 How can we store a single quote (') as a string in a variable?

Ans. Put a single quote (') in a double quote. Example:

 a= " ' "

print(a)

Output ; '

Q2 Refer the below variable:
x = 'a'
Here, is x a character type or string type variable? Support your answer with an explanation.
Ans. x is a character type variable. Because x is variable and which stores string type data .

Q3 Apply the following functions on this variable: 'Welcome to Python foundation course'
 1 find()
 2 count()
 3 len()

4 Concatenation

Note: You can use your choice of parameters. But make sure it is correct.
Ans.
1. Find (): find function find the indexing value of character. If characters are repeated two or more times then they pick a small indexing value .find function that also counts space.. Example:
a = 'Welcome to Python foundation course'
print(a.find('o'))
Output: 4
2. count(): count function count the character..
Example:
A = 'Welcome to python foundation course'
print(A.count('o'))
Output: 4
3. len(): length function returns the length of the object and count space also.
A = 'Welcome to python foundation course'
print(len(A))
Output: 35
4. Concatention: It is a combination of two or more strings.
S1 = "Welcome to python"
S2 = "foundation course"
print(S1+S2)
Output:
Welcome to python foundation course

Q4 For the variable: wor = 'PanaJi@12256
Calculate the following:
    (a) Total number of alphabets in lowercase
        Ans. 4
    (b) Total number of alphabets in uppercase
        Ans. 2
    (c) Total number of numerical in string
        Ans. 5

Q5 Write a code to store a numerical value inside a variable then convert it 1nto string.

Ans.   number = 12345

      print(type(number))

      num = str(x)

      print(type(num))

Output : <class 'int'>

      <class 'str'>

Note: Create your assignment in Jupyter notebook and upload it to GitHub & share that github repository link through your dashboard. Make sure the repository is public.

Python Foundations