# lec1_step2

April 12, 2020

```
In [5]: ## Python basics for novice data scientists, supported by Wagatsuma Lab@Kyutech
        #
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        # THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED,
        #
        # # @Time    : 2020-4-20
        # # @Author  : Hiroaki Wagatsuma
        # # @Site     : https://github.com/hirowgit/2A_python_basic_course
        # # @IDE      : Python 3.7.7 (default, Mar 10 2020, 15:43:27) [Clang 10.0.0 (clang-1000
        # # @File     : lec1_step2.py
```

```
In [17]: # A string with single quotation marks
         'strawberry'
```

```
Out[17]: 'strawberry'
```

```
In [18]: # A string with double quotation marks

         "strawberry"
```

```
Out[18]: 'strawberry'
```

```
In [19]: # There is no output because of  ';'  for the termination.

         'strawberry';
```

```
In [20]: # Therefore you need to use "print" function.

         print('strawberry');
         print( 'grape');
```

```
strawberry
grape
```

```
In [21]:   # How to use quotation marks inside the string.
           # Note: double quotation marks displayed at the beginning and end

           'strawberry\'s cake'

Out[21]:   "strawberry's cake"

In [22]:   # But if you use double quotation marks inside the string,
           # single quotation marks displayed at the beginning and end, as well as the default m

           'I said \"hello\" to him.'

Out[22]:   'I said "hello" to him.'

In [23]:   # If you use both quotation marks inside the string,
           # single quotation marks displayed at the beginning and end.

           'I requested Mary\'s mother to say \"Please cook a special cake\".'

Out[23]:   'I requested Mary\'s mother to say "Please cook a special cake".'

In [24]:   # Even both quotation marks are included with a different order,
           # single quotation marks displayed at the beginning and end consistently.

           'I said \"Please cook a special cake\" to Mary\'s mother.'

Out[24]:   'I said "Please cook a special cake" to Mary\'s mother.'
```