- description :
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- lastupdate : 2020-06-22

.

```
# Section04-5
#                    (     )
#         ,
#                   (         )

# 1.                                  .
q1 = "dk2jd923i1jdk2jd93jfd92jd918943jfd8923"

# 2. print                                          .
#     apple;orange;banana;lemon


# 3.        *      100                     .


# 4.          "30"                 ,        ,        ,                              .


# 5.             "Niceman"        "man"                              .


# 6.                                        . : "Strawberry"


# 7.               '-'                      . : "010-7777-9999"


# 8.          (URL)     "http://"                            . : "http://daum.net"


# 9.                       ,                        . : "NiceMan"


# 10.                                  "cde"              . : "abcdefghijklmn"
```

```
# 11.              "Apple"              . : ["Banana", "Apple", "Orange"]


# 12.                              . : (1,2,3,4)


# 13.              (dict)              . : <    - 100000,      - 70000,     -
30000>


# 14. 13            dict       <    - 0>                   .


# 15. 13                  (dict)     Key                 .


# 16. 13                  (dict)     value               .
```

```python
# Section04-5
#                 (      )
#          ,
#                  (         )

# 1.                              .
q1 = "dk2jd923i1jdk2jd93jfd92jd918943jfd8923"

print('1. q1    :\t', len(q1))


# 2. print                                  .
#     apple;orange;banana;lemon

print('2. print:\t', '''apple;orange;banana;lemon''')


# 3.        *      100              .

print('3. *100  :\t', '*' * 100)



# 4.        "30"                 ,       ,        ,                     .
string30 = "30"
print('4.         :\t', int(string30))
print('          :\t', float(string30))
print('            :\t', complex(string30))
```

```
print('        :\t', string30)



# 5.             "Niceman"      "man"                       .

str = "Niceman"
manIdx = str.index("man")
print('5.        :\t', str[manIdx:manIdx + 3])



# 6.                             . : "Strawberry"

sb = "Strawberry"
print('6. reverse:\t', list(reversed(sb)))
print('        :\t', sb[::-1])



# 7.               '-'                    . : "010-7777-9999"
import re

phoneNumber = "010-7777-9999"
print('7. -    :\t', re.sub('[^0-9]', '', phoneNumber))



# 8.        (URL)    "http://"                      . : "http://daum.net"

url = "http://daum.net"
urlIdx = url.index('''http://''')
print('8. http  :\t', url[urlIdx + 7:])



# 9.                    ,                    . : "NiceMan"

str = "NiceMan"
print('9.         :\t',str.upper())
print('         :\t',str.lower())



# 10.                        "cde"        . : "abcdefghijklmn"

str = "abcdefghijklmn"
print('10.       :\t', str[2:5])



# 11.            "Apple"              . : ["Banana", "Apple", "Orange"]

list = ["Banana", "Apple", "Orange"]
list.remove("Apple")
print('11. Apple   :\t', list)
```

```
# 12.                                . : (1,2,3,4)

tup = (1, 2, 3, 4)
print('12.          :\t', [s for s in tup])



# 13.                (dict)              . : <     - 100000 ,        - 70000 ,      -
30000>

dict = {}
dict['    '] = 100000
dict['      '] = 70000
dict['    '] = 30000
print('13.            :\t', dict)



# 14. 13            dict        <     - 0>                    .

dict['    ']= 0
print('14.               :\t', dict)



# 15. 13                (dict)     Key                    .

print('15.        key      :\t', dict.keys())



# 16. 13                (dict)     value                 .

print('16.         value     :\t', dict.values())



# ***                                  . ^^*              . ***
```

Tip

, [python](),