

- description :
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```

# Section05-3
#           (      )
#           (      )

# 1 ~ 5     if
# 1.           '가 '
q1 = {" ": " ", " ", " ": " ", " ", "가 ": " " }

# 2.           ' ' '가
q2 = {" ": " ", " ", " ": " ", " ", "가 ": " " }

# 3.
# 81 ~ 100 : A
# 61 ~ 80  : B
# 41 ~ 60  : C
# 21 ~ 40  : D
#  0 ~ 20  : E

# 4.           가           .(if      ) : 12, 6, 18

# 5.           7           ,           . (1,3 :      , 2,4 :
)

# 6 ~ 10     (while      for)

# 6.
q3 = [" ", " ", " ", " ", " ", " ", " "]

# 7. 1      100           ' '

# 8.           5

```

```
q4 = ["nice", "study", "python", "anaconda", "!"]  
  
# 9.  
q5 = ["A", "b", "c", "D", "e", "F", "G", "h"]  
  
# 10.  
q6 = ["A", "b", "c", "D", "e", "F", "G", "h"]
```

```
# Section05-3  
# ( )  
# ( )  
  
# 1 ~ 5 if  
# 1. '가 '  
q1 = fruit = {" ": " ", " ": " ", "가 ": " "}  
  
print(''.join([q1[s] for s in q1 if s == '가 ']))  
  
# 2. '가 '  
q2 = fruit = {" ": " ", " ": " ", "가 ": " "}  
  
hasApple = ['!' for key, val in q2.items() if key == ' ' or val == ' ']  
]  
  
if len(hasApple) > 0:  
    print(' ')  
else:  
    print(' ---')  
  
# 3.  
# 81 ~ 100 : A  
# 61 ~ 80 : B  
# 41 ~ 60 : C  
# 21 ~ 40 : D  
# 0 ~ 20 : E  
  
score = 100  
grade = ''  
if 0 < score > 100:  
    grade = '가'  
elif score > 80:  
    grade = 'A'  
elif score > 60:  
    grade = 'B'
```

```

elif score > 40:
    grade = 'C'
elif score > 20:
    grade = 'D'
elif score >= 0:
    grade = 'E'

```

```
print(grade)
```

# 4.                   가                   .(if           ): 12, 6, 18

```

a = 12
b = 6
c = 18
best = 0

best = a
if b > a:
    best = b
if c > b:
    best = c

```

```
print(best)
```

# 5.                   7                   ,                   .(1,3 :           , 2,4 :

)

```

s = '891022-2473837'
if int(s[7]) % 2 == 0:
    print(' ')
else:
    print(' ')

```

# 6 ~ 10                   (while           for)

```

# 6.                   ' '                   .
q3 = [" ", " ", " ", " ", " ", " "]

print(''.join([s for s in q3 if s != ' ']))

```

```

# 7.1           100           ' '           .

print(' '.join([str(s) for s in range(1, 100) if int(s) % 2 == 1]))

```

```

# 8.                   5                   .
q4 = ["nice", "study", "python", "anaconda", "!"]

```

```
print([s for s in q4 if len(s) >= 5])

# 9.
q5 = ["A", "b", "c", "D", "e", "F", "G", "h"]

print([s for s in q5 if s.islower()])

# 10.
q6 = ["A", "b", "c", "D", "e", "F", "G", "h"]

print([s.upper() if s.islower() else s.lower() for s in q5])
```

## Tip

, [python](#),

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