

and operators demo program

```

a = 25
print(++a) # ++a = 26
print(a++) # (a++) = a = 25 + 1 = 26
print(a + ++i) # a + (++i) = a + 1 = 25 + 1 = 26
print(-a) # -(a) = -25
print(a--) # 25
print(a--i) # 25
print(-a). # -25
print(+ - a) # -25 (+ (-a) = -25)
print(- + a) # -(+a) = -25
    
```

semicolon demo program

```

print('one'); # one
print('two'); # two
print('three'); # three
print('Hyd'); print('sec'); print('cyb') # Hyd sec cyb
    
```

floor() and ceil() functions demo program

```

import math
print(math.floor(10.8)) # 10
print(math.ceil(10.8)) # 11
print(math.floor(25.0)) # 25
print(math.ceil(25.6)) # 26
print(math.floor(-3.5)) # -4
print(math.ceil(-3.5)) # -3
    
```

```

print(math.floor(9.0)) # -9
print(math.ceil(-9.0)) # -9
print(math.floor(25.1)) # 25
print(math.ceil(25.1)) # 26
from math import floor, ceil
print(floor(3.5)) # 3
print(ceil(3.5)) # 4

```

gcd() function demo program.

```
import math
```

```

print(math.gcd(12, 15)) # 3
print(math.gcd(12, 18)) # 6
print(math.gcd(4, 7)) # 1
print(math.gcd(7, 7)) # 7
print(math.gcd(-18, -27)) # 9
print(math.gcd(-4, 6)) # 2
print(math.gcd(0, 7)) # 7
print(math.gcd(3, 0)) # 3
print(math.gcd(0, 0)) # 0
print(gcd(5, 15)) # error.

```

abs() function demo program.

```
from builtins import abs
```

```

print(abs(-35.8)) # 35.8
print(abs(-27)) # 27
print(abs(29.5)) # 29.5
print(abs(32)) # 32

```

```
import builtins
```

```
print(builtins.abs(-25)) # 25
```



```

# max() and min() functions demo program
from builtins import max, min
print(max(10.8, 20.6)) # 20.6
print(min(10.8, 20.6, 5.9, 12.3)) # 5.9
print(max(10.8, 20.6, 5.9, 12.3)) # 20.6
print(min(10.8, 20.6, 5.9, 12.3)) # 5.9
print(max(25, 10.8)) # 25
import builtins
print(builtins.max(10, 20, 30)) # 30
print(builtins.min(10, 20, 15, 5, 12)) # 5

```

Outputs

```

# find
How to import keyword # import keyword
How to print keyword
print(keyword.kwlist)
How to print number of keywords.
print(len(keyword.kwlist))
How to print type of keyword
print(type(keyword.kwlist))
print(keyword.kwlist)

```

pow() function demo program

```

from builtins import pow
print(pow(10, -2)) # (10-2 = 1/100) # 0.01
print(pow(4, pow(3, 2))) # 49
import builtins
print(builtins.pow(2, 3)) # 23 = 8
print(builtins.pow(-2, -3)) # -0.125 (-2-3 = -1/8)
                        = -0.125

```

H.T. No.

Date :

Find outputs (Home work)

How to import keyword module.

#import keyword

How to print kwlist

#print (keyword.kwlist)

How to print number of keywords

#print (len(keyword.kwlist))

How to print type of kwlist

print (type(keyword.kwlist))

print(kwlist)