



Functions 1.built in function 2.Recursive 3.Lambda 4.User-Defined

*built in function

Absolute Function

```
In [8]: x=-34.34  
abs(x)
```

```
Out[8]: 34.34
```

```
In [9]: z=-2+3j  
abs(z)
```

```
Out[9]: 3.605551275463989
```

```
In [12]: z=4  
bin(z)
```

```
Out[12]: '0b1010'
```

bytes function

```
In [13]: x=12  
bytes(x)
```

```
Out[13]: b'\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00'
```

character Function

```
In [4]: z=chr(97)  
print(z)
```

a

```
In [7]: y=chr(94)  
print(y)
```

^

```
In [8]: x=chr(92)  
print(x)
```

\

complex_ function

```
In [1]: r=complex(3, 5)  
print(r)
```

(3+5j)

```
In [2]: k=complex(2.5, 4)
        print(k)
```

(2.5+4j)

```
In [3]: l=complex(2)
        print(l)
```

(2+0j)

float function

```
In [5]: x=float(3)
        print(x)
```

3.0

```
In [7]: x=12.32
        int(x)
```

Out[7]: 12

string function

```
In [8]: a=2568
        str(a)
```

Out[8]: '2568'

```
In [9]: a=str(2568)
        print(a)
```

2568

help function

```
In [1]: help(print)
```

Help on built-in function print in module builtins:

```
print(*args, sep=' ', end='\n', file=None, flush=False)
    Prints the values to a stream, or to sys.stdout by default.
```

sep

string inserted between values, default a space.

end

string appended after the last value, default a newline.

file

a file-like object (stream); defaults to the current sys.stdout.

flush

whether to forcibly flush the stream.

input Function

```
In [2]: x=input("enter Your name")  
        print("hello",x)
```

```
enter Your name lovely  
hello lovely
```

```
In [3]: y=input("what is your age")  
        print("your age is ",y)
```

```
what is your age 12  
your age is  12
```

```
In [ ]:
```

```
In [ ]:
```