

Complex Numbers

Real part

Imaginary part

exa: $2 + 4j$
 $2 + 4j$

```
def __init__(self, real, imag)
    self.real = real
    self.imag = imag.
```

⇒ Complex Addition:

$$\left. \begin{array}{l} a + bj \\ c + dj \end{array} \right\} + (a+c) + (b+d)j$$

⇒ Method : A simple function which takes it's class object as first argument.

⇒ function(a, b, c)

⇒ function(self, a, b, c) class object

⇒ Method Overloading :-

- ① Method (self, a, b)
 - ② Method (self, a, b, c)
- } Method Overloading

⇒ What is Inheritance :-

