Full stack web development using python

Operator overloading



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Agenda

- 1) Define Line class
- 2 operator overloading
- 3 Example
- 4) Magic Functions.

Define a class Line

clan Line:

what is the output?

Operator Overloading

Giving extended meaning beyond their predefined meaning.

We can define all existing operators, but can't define a new operator.

```
Example
clan Line:
      def __init__(self, 1):
           Self. Length = 1
      det show_length (self):
            Print ("Length=", self. Length)
       det -- add -- (self, other):
           return Line (self. length + other. length)
```

l1= Line (10) l2= Line (20) l3 = 11+12 l3. show_length()

Magic Functions

__floordiv_-

>> __Yshift__