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| **Unary Operator overloading** |
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| **Write a program to overload the following Unary Operators  –  +  ~** |

**1.–**

class **C1**:

def **\_\_init\_\_**(*self*,a,b):

*self*.x=a

*self*.y=b

return

def **\_\_neg\_\_**(*self*):

a=-*self*.x

b=-*self*.y

return a,b

pass

o1=C1(15,10)

print(-o1)

**OUTPUT:**



**2. +**

class **C1**:

def **\_\_init\_\_**(*self*,a,b):

*self*.x=a

*self*.y=b

return

def **\_\_pos\_\_**(*self*):

a=+*self*.x

b=+*self*.y

return a,b

pass

o1=C1(15,10)

print(+o1)

**OUTPUT:**



**3.invert**

class **C1**:

def **\_\_init\_\_**(*self*,a,b):

*self*.x=a

*self*.y=b

return

def **\_\_invert\_\_**(*self*):

a=~*self*.x

b=~*self*.y

return a,b

pass

o1=C1(15,-10)

print(~o1)

**OUTPUT:**

