

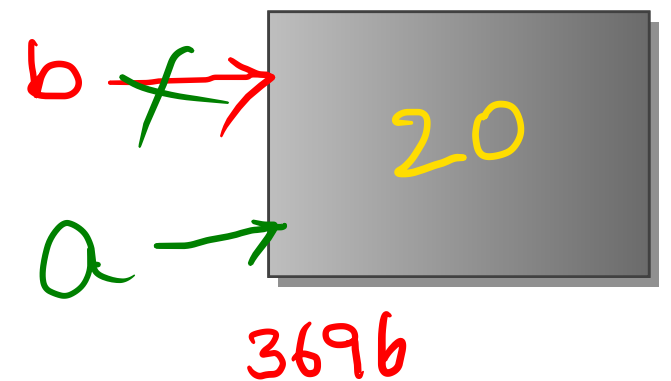
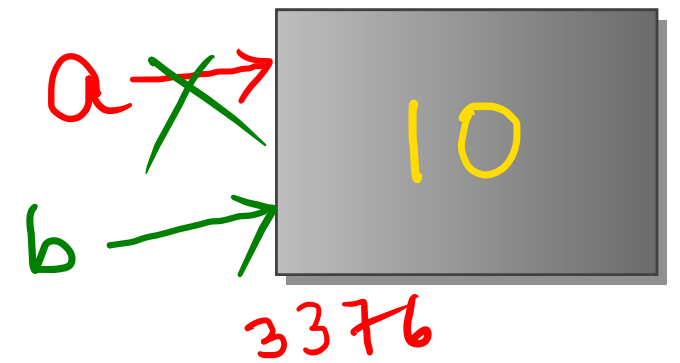
Venkat

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```

a = 10
b = 20
print('a =', a, ' , b =', b)
print(id(a), id(b))
a, b = b, a # swap logic
print('a =', a, ' , b =', b)
print(id(a), id(b))

```



```

a = 10 , b = 20
9793376 9793696
a = 20 , b = 10
9793696 9793376

```

Diagram illustrating the memory addresses for variables 'a' and 'b' before and after the swap. The first line shows 'a = 10' and 'b = 20' with memory addresses 9793376 (green) and 9793696 (red) circled. The second line shows 'a = 20' and 'b = 10' with memory addresses 9793696 (red) and 9793376 (green) circled. Arrows indicate the swap of values between the two states.

1 = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

[55, 54, 52, 49, 45, 40, 34, 27, 19, 10]