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# Find outputs (Home work)
a = 'Hyd' # Ref 'a' points to 'Hyd'
print(id(a)) # Address of object 'Hyd' (may be 1000)
#a[1] = 'e' # Error becoz str object is immutable
a = 'Sec' #Ref 'a' is modified to another object 'Sec'
print(id(a)) # Address of object 'Sec' (may be 2000)
b = (10 , 20 , 15 , 18) # Ref 'b' points to tuple
print(id(b)) # Address of tuple (may be 3000)
#b[2] = 19 # Error becoz tuple is immutable
b = (30 , 40 , 35 , 32) #Ref 'b' is modified to another tuple
print(id(b)) # Address of 2nd tuple (may be 4000)
c = range(5) # Ref 'c' points to range object
print(id(c)) # Address of range object (may be 5000)
#c[3] = 10 # Error becoz range object is immutable
c = range(5) #Ref 'c' is modified to another range object becoz it is
not reusable
print(id(c)) # Address of 2nd range object (may be 6000)

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1) a = 'Hyd'
   a = 'Sec'
   What is modified when a = 'Sec' is executed ? ---> Reference but
not object

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2) b = (10 , 20 , 15 , 18)
   b = (30 , 40 , 35 , 32)
   What is modified when b = (30 , 40 , 35 , 32) is executed ? --->
Reference but not object

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3) c = range(5)
   c = range(5)
   What is modified when c = range(5) is executed ? ---> Reference but
not object
'''

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