

17/7/25

Find outputs:

a = range(10, 50, 5) — # [10, 15, 20, 25, 30, 35, 40, 45].

print(type(a)) — # <class 'range'>

print(a) — # [10, 15, 20, 25, 30, 35, 40, 45]

print(*a) — # Unpack elements (10, 15, 20, 25, 30, 35, 40, 45)

print(id(a)) — # Address of object 'a'

print(len(a)) — # 8

print(*a[2:7], sep = ',') — # 20, 25, 30, 35, 40

print(*a[::-1]) — (45, 40, 35, 30, 25, 20, 15, 10)

a[4] = 32 — # Error. Immutable

print(a*2) — # Error. (coz of duplicates generated)

Find outputs

a = range(10, 20)

print('a, sep = ', ' ') — # (10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20)

b = range(5)

print('b') — # (0 1 2 3 4)

c = range(10, 1, -1)

print('c, sep = ', ' ') — # 10... 9... 8... 7... 6... 5... 4... 3... 2

d = range(-10, 0)

print('d')

— # -10, -9, -8, -7, -6, -5, -4, -3, -2, -1

e = range(-10)

— # Empty listing

print('e')

f = range(3, 2)

print('f')

— # Empty listing

r = range(10, 13, 3) — # [10, 13, 16]

a, b, c = r — # (10, 13, 16)

x = range(3) — # [0, 1, 2]

x, y = x — # Error

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a = [25, 10.8, 'Hyd', True, 3+4j, None, 'Hyd', 25]

print(a) — [25, 10.8, 'Hyd', True, 3+4j, None, 'Hyd', 25]

print(a[0]) — 25, 10.8, Hyd, True, 3+4j, None, Hyd, 25

print(type(a)) — # class 'list'

print(id(a)) — # Address of object 'a'

print(len(a)) — # 8