

1. What is printed?

```
def outer():  
    x = 10  
    def inner(x):  
        x += 1  
        return x  
    return inner  
g = outer()  
print(g(10), g(11), g(12))
```

- A) 11 12 13
 C) 11 11 11

- B) 10 10 10
D) UnboundLocalError

2. What is printed?

```
print([i for i in range(3)])  
A) [0, 1, 2] (0, 1, 2)  
C) [0, 1, 2]
```

- B) [0, 1, 2]

3. What is printed?

```
s = {1, True, 1.0}  
print(len(s), s)  
A) 3 {1, True, 1.0}
```

- C) 1 {1}

- B) 2 {1, True}
D) Raises TypeError

4. What is printed?

```
d = {0: "zero", False: "false"}  
print(d[0], len(d))  
A) zero 2
```

- C) false 1

- B) false 2
D) zero 1

5. What is printed?

```
x = 0  
print(f"{x}, {x}")
```

- A) 0 0
 C) 1 1

- B) 1 0
D) SyntaxError

6. What is printed?

```
class C:  
    x = 1  
    def inc(self):  
        self.x += 1  
c1 = C()  
c2 = C()  
c1.inc()  
print(C.x, c1.x, c2.x)
```

- A) 2 2 2
C) 2 2 1

- B) 1 2 1
D) 1 2 2

7.What is printed?

```
def make():  
    funcs = []  
    for i in range(3):  
        funcs.append(lambda: i)  
    return funcs  
f0, f1, f2 = make()  
print(f0(), f1(), f2())
```

- A) 0 1 2
- C) 3 3 3

- B) 2 2 2
- D) Raises NameError

8.What is printed?

```
def make():  
    funcs = []  
    for i in range(3):  
        def inner():  
            return i  
        funcs.append(inner)  
    return funcs
```

```
f0, f1, f2 = make()  
print(f0(), f1(), f2())
```

- A) 0 1 2
- C) 3 3 3

- B) 2 2 2
- D) Raises NameError

9.What is printed?

```
print("a" in {"a": 1}, "a" in {"a"})
```

- A) True True
- C) False True

- B) True False
- D) False False

10.What is printed?

```
xs = [1, 2, 3, 4]  
xs[1:3] = [9]  
print(xs)
```

- A) [1, 9, 4]
- C) [1, 2, 9, 4]

- B) [1, 9, 3, 4]
- D) [1, 9, 2, 3, 4]

11.What is printed?

```
def h(a, b, /, c, *, d):  
    return a, b, c, d  
print(h(1, 2, 3, d=4))
```

- A) (1, 2, 3, 4)
- C) TypeError (keyword-only argument)

- B) TypeError (positional-only arguments)
- D) SyntaxError