

PRACTICE OUTPUT QUESTIONS

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AI

TASK1:

```
def greet(name):  
    return f"Hello, {name}!"
```

```
print(greet("Alice"))
```

OUTPUT=?

Hello Alice

TASK2:

```
def multiply(x, y=2):  
    return x * y
```

```
print(multiply(5))
```

```
print(multiply(5, 3))
```

OUTPUT=?

10

15

TASK3:

```
def func(a, b, c):  
    return a + b * c  
  
result = func(1, 2, 3)  
  
print(result)
```

OUTPUT=?

7

TASK4:

```
def variable_args(*args):  
    return sum(args)  
  
print(variable_args(1, 2, 3))  
  
print(variable_args(4, 5, 6, 7))
```

OUTPUT=?

6

22

TASK5:

```
def add(x, y):  
    return x + y  
  
result = add(2, add(3, 4))
```

```
print(result)
```

OUTPUT=?

9

TASK6:

```
def func(x):
```

```
    return x * 2
```

```
result = func(func(3))
```

```
print(result)
```

OUTPUT=?

12

TASK7:

```
def count_down(n):
```

```
    if n <= 0:
```

```
        return "Blast off!"
```

```
    else:
```

```
        return n
```

```
print(count_down(3))
```

```
print(count_down(0))
```

OUTPUT=?

3 Blast off!

TASK8:

```
def square(x):  
    return x * x
```

```
for i in range(1, 4):  
    print(square(i))
```

OUTPUT=?

1

4

9

TASK9:

```
def concatenate(a, b):  
    return a + b
```

```
print(concatenate("Hello", "World"))
```

OUTPUT=?

HelloWorld

TASK10:

```
def list_length(lst):  
    return len(lst)
```

```
my_list = [1, 2, 3, 4]  
print(list_length(my_list))
```

OUTPUT=?

4

TASK11:

```
def print_elements(*elements):  
    for element in elements:  
        print(element)
```

```
print_elements("a", "b", "c")
```

OUTPUT=?

a, b, c

TASK12:

```
def function(a):  
    a = a + 1
```

```
    return a

a = 5

print(function(a))

print(a)
```

OUTPUT=?

6

5

TASK13:

```
def modify_list(lst):

    lst.append(4)

my_list = [1, 2, 3]

modify_list(my_list)

print(my_list)
```

OUTPUT=?

[1,2,3,4]