

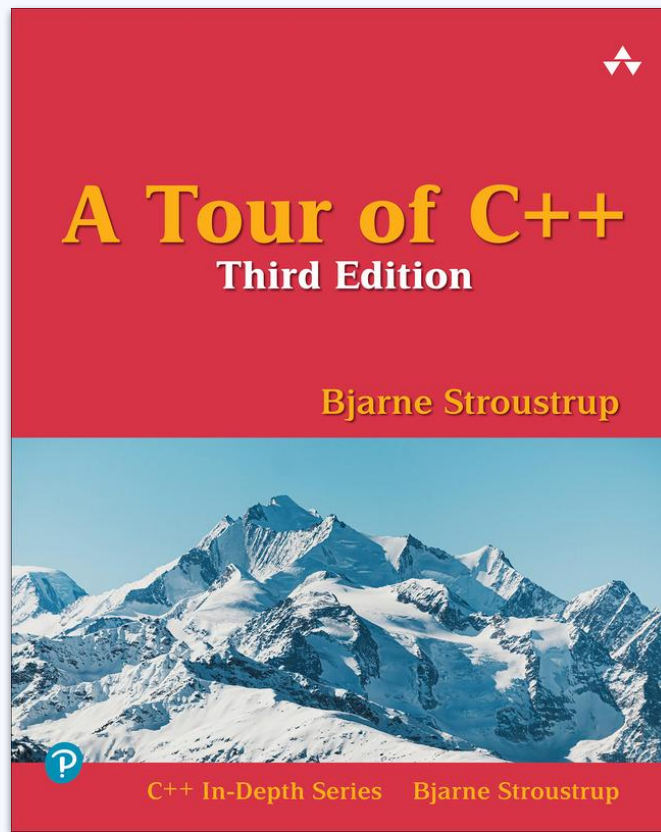


Functions

CSE 232 – Dr. Josh Nahum

Reading:

Section 1.3



Return Type

What type does this Python function return?

```
def add(a, b):  
    result = a + b  
    print("Result = ", result)  
    return result
```

What about this C++ function declaration?

```
int add(int a, int b);
```

Names

Functions must be declared before they are called.

A function declaration consists of its return type, its name, and the type of its arguments.

Argument names are optional.

```
int add(int a, int b);
```

```
int add(int, int);
```

Function Overloading

Function declarations with the same name, but different parameters, are called overloaded.

Beware ambiguous function calls.

Does Python have function overloading?

Python?

This class teaches C++, not Python. And, you expected to have specifically taken CSE 231. But sometimes I'll make reference to Python when teaching a new concept for the benefit of those who are familiar with Python.

Attribution

Please ask questions via Piazza

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