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### Assignment-7

1. Complete the following find function in C++

```
template<class Iter, class T>
Iter find(Iter first, Iter last, const T& val){
    while(first!=last){ //Check if we have reach the ending
        if(*first == val){ //The value store in that address is equaled to val
            return first; //return the address of that value
        }
        first= first + 1; //Increminated address by 1
    }
    return nullptr; //Return null pointer if it didn't find anything.
}
```

2. Why did C++ succeed?

1. Reasons:

- Low level access to machines plus abstractions mechanism

- Performance

- Direct access to read hardware. Ex. Access to address

- Very general zero-overhead

- Comparability with C

- Useful tool since day one

- Timing was good

- Non-proprietary

- ISO standard