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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