

C

LLVM IR

Assembly

```
int max(int a,int b){  
    return a > b ? a : b;  
}
```

```
define i32 @max(i32 %a, i32 %b) nounwind  
readnone {  
    %1 = icmp sgt i32 %a, %b  
    %2 = select i1 %1, i32 %a, i32 %b  
    ret i32 %2  
}
```

```
max:  
    cmp b32 $r14 $r15  
    bra l    #LBB1_2  
    sub b32 $r15 $r14 0  
LBB1_2:  
    ret
```