

C++ Programming

If statement with initializer

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If statement with initializer

- New C++17 syntax
- It change from
 - if(condition) to
 - if(initialize ; condition)
- Helps limiting the scope
 - Initialized variables only visible inside if-else scope

```
4 int main() {  
5     // Since C++17  
6  
7     int x = 11;  
8     if (x % 2 == 1)  
9         cout << x << " is odd\n";  
10    else if (x % 2 == 0)  
11        cout << x << " is even\n";  
12  
13    cout << x << " is visible here but no need\n";  
14  
15    // y visible only in if-else block  
16    if (int y = 10; y % 2 == 1)  
17        cout << y << " is odd\n";  
18    else if (y % 2 == 0)  
19        cout << y << " is even\n";  
20 }
```

“Acquire knowledge and impart it to the people.”

“Seek knowledge from the Cradle to the Grave.”