

Forum:[Hack Forums](#)

Thread: [C++ boolean types](#)

ThePolitician - November 19, 2018, 2:18 pm

Is anyone here who really can explain me how "boolean" work?
And please give me some example if you can!!!
Thanks!
ThePolitician

0xDEAD10CC - November 19, 2018, 8:16 pm

```
Code if (this.thread == a_joke)
{
    return true;
}
?
```

Shadow Reign - November 19, 2018, 10:45 pm

A Boolean, from my understanding is just a true or false. Yes or no. 0 or 1

Simple as that. it's used to determine if something is or isn't.

iTHX - November 20, 2018, 9:15 am

```
if (5+5==10){
    return true;
} else {
    return false;
}
```

// if used productively then its used like this...

```
int main(){
    int age;
    bool isAble = false // able to drive initially false
    cout << "Age :." << endl;
    cin age;
    if (age >= 17){
        isAble = true;
    } else if (age < 17){
        isAble = false;
    }
}
```

```
while(isAble){
    cout << endl << "user is able to drive";
}
```

```
while(!isAble){
    cout << endl << "user unable to drive";
}
return 0;
```

```
}
```

0xDEAD10CC - November 20, 2018, 9:22 am

```
(Nov 20, 2018 10:15 AM)iTHX Wrote: \[CITE\] if (5+5==10){  
    return true;  
} else {  
    return false;  
}
```

// if used productively then its used like this...

```
int main(){  
    int age;  
    bool isAble = false // able to drive initially false  
    cout << "Age :." << endl;  
    cin >> age;  
    if (age >= 17){  
        isAble = true;  
    } else if (age < 17){  
        isAble = false;  
    }  
}
```

```
while(isAble){  
    cout << endl << "user is able to drive";  
}
```

```
while(!isAble){  
    cout << endl << "user unable to drive";  
}  
return 0;  
}
```

I don't see how that is productive because the expressions are bools too. Not sure what the while loops are for, they won't terminate by themselves. You also over-complicated a simple if-else statement.

Synode - November 20, 2018, 9:28 am

either true or false nothing more

TCP - November 20, 2018, 9:38 am

Remember that despite being a binary value, it is still of the size of a byte because it needs to be allocated in the memory

iTHX - November 20, 2018, 9:44 am

(Nov 20, 2018 10:22 AM)0xDEAD10CC Wrote: [\[CITE\]](#) I don't see how that is productive because the expressions are bools too. Not sure what the while loops are for, they won't terminate by themselves. You also over-complicated a simple if-else statement.

i understand your point, i was just trying to find an excuse to use them in a basic, understandable program. i can do much better than this