### Computing The Absolute Value



#### <u>Problem</u>

Write a program that reads from the user an integer, and prints it's absolute value.

#### Example

Please enter an integer:

|-7| = 7









### Computing The Absolute Value

#### Data

- int
- float

- double expressions
- char
   Boolean
- string expressions
- · bool

#### Control

- Expressions • I/O expressions Flow
- Arithmetic Sequential
  - Branching
    - if



## **Determining Parity**



#### **Problem**

Write a program that reads from the user a positive integer, and determines it's parity (even or odd).

#### Example

Please enter a positive integer:

7 is odd







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### **Determining Parity**



- int
- float

### Expressions

- I/O expressions Flow
- double expressions
- char
   Boolean
- string expressions
- · bool

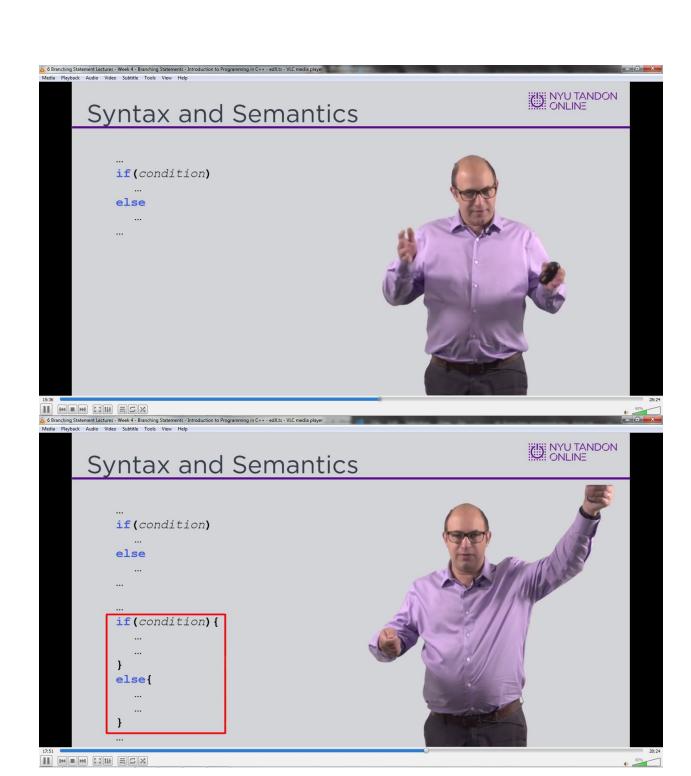
#### Control

- Arithmetic
   Sequential
  - Branching
    - if
    - if-else









# Boolean Interpretation

```
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```

```
int main() {
    int val = 0;

    if(val = 0)
        cout<<"val is 0"<<endl;
    else
        cout<<"val is not 0"<<endl;

    return 0;
}</pre>
```



