

# Conditional Flow

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## Using conditionals for setting booleans

- Very similar to all other languages
  - Symbols : <, >, <=, >=, ==, !=
  - Operators : &&, ||, !
    - In built precedence order: !, &&, ||
  - **Note** : you need to compare with the same types very strict
  - Example:

- `let x = 3 < 1; // x is false`
- `let x = 3 > 1.5; // errors`

```
let x = 3 < 1; // x is false
println!("x = {}", x);
//let x = 3 > 1.5; // errors
let y = 2.5 > 1.3 && 5 > 2; // y is true
println!("y = {}", y);
let z = x || y; //y is true so z is true
println!("z = {}", z);
```

- Conditional Flow
  - Similar to the conditional declaration, same type is needed for comparisons
  - Example:

```
let food = "cookie";
if food != "cookie"{
    println!("I dont like cookies, I like {}", food);
}
else if (food == "fruit"){
    println!("I love {}", food);
}
else{
    println!("I just like {}", food);
}
```