

Section 2 Flow Control

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1 Flow Charts and Basic Flow Control concepts

A flowchart is a series of instructions saying what to do in certain situations, generally revolving around boolean values.

1.1 Comparison Operators

= ! < > <= >=

We can use these for comparisons.

```
print(42==42)
print(42=="Hello")
print(42==41)
print(2!=3)
print(42<100)
print(42>=100)
print(42<=42)
myAge=22
print("My age is {}".format(myAge))
print(myAge==22)
```

```
True
False
False
```

```
True
True
False
True
My age is 22
True
```

1.1.1 Boolean Operators

and or not

The and operator only evaluates to true if all are true.

The or operator only evaluates to true if at least one is true.

The not operator evaluates to the opposite boolean value.

```
myAge=26
myPet="cat"
print(myAge>20 and myPet=="cat")
```

```
True
```