

Comparison operations

Find the value of `i` that produces a `True`

In [1]:

```
i=101  
i>100
```

Out[1]:

True

Branching

Find the value of `x` that prints the statement: "this is a"

In [2]:

```
x='a'  
if(x=='a'):  
    print("this is a")  
else:  
    print("this is not a")
```

this is a

Logic Operators

find the value of `y` that produces a `True` statement

In [3]:

```
y=1  
x=1  
x>0 and y<10
```

Out[3]:

True

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