

Conditional Statement

If else flowchart

Want to include 120

Comparison operator

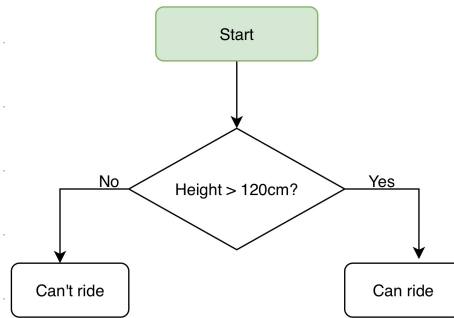
equal to precisely

Modulo

$7 \% 2$

Nested

If condition:  
do this  
else:  
do this



$\geq 120$

$\leq$

$==$

$\%$

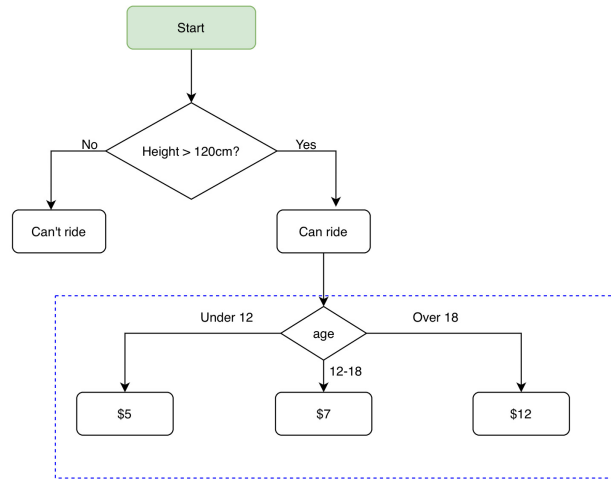
2 2 2 1

Ans = 1  $\rightarrow$  Remainder

Once first condition passed check other cond

Both Cond needs to be true

If else flowchart



condition 1

↓ If true

Do A

↓ Not true

Check Cond elif

↓ elif: do B

If non condition true else

elif age

elif age  $\leq 18$ :  
print (" ")

44

ht = float

wt = float

bmi =  $(wt/ht^2)$

print (bmi)

if bmi  $< 18.5$ :

print("under")

elif bmi  $> 18.5$  and bmi  $< 25$ :

print("normal")

if else

if condition 1:

do A

if condition 2:

do B

else:

do C

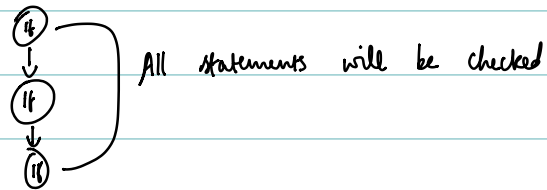
add \$3 to bill

bill += 3

Python Indentation

very important

if if if



What kind of pizza do you  
want S, M, L

if size == "S":

bill += 5

multiple condition same line  
of code

if cond 1 & cond 2 & cond 3:

do this

else:

do this

&&  $\rightarrow$  Both Conditions

||

!

.lower

"Angela".count("a")

and

or

not

a = 12

not a > 15

True

"Angela".lower()

'angela'

counts number of times a mentioned in name

