DAY 3: CONDITIONAL STATEMENT

IF – ELSE STATEMENT:

SYNTAX:

if condition :

Statement

else:

statement

EXAMPLE:

print ("Welcome to the rollercoaster!")  
height = int (input ("What is your height in cm? "))  
if height > 120: #This is a parent line of code  
 print ("can buy the ticket") #this is a child line of code  
else:  
 print("cannot")

**Comparator Operators**

* > Greater than
* < Less than
* >= Greater than or equal to
* <= Less than or equal to
* == Equal to
* != Not equal to

NESTED if/else STATEMENT:

SYNTAX:

If condition:

If condition:

Statement

Else:

Statement

Else:

Statement

IF/ELIF/ELSE STATEMENT:

EXAMPLE:

print("Welcome to the rollercoaster!")  
height = int(input("What is your height in cm? "))  
age = int(input("enter your age:"))  
  
if height >= 120:  
 print("You can ride the rollercoaster")  
 if age < 12:  
 print("$2")  
 elif age>=12 or age<=18:  
 print("$7")  
 else:  
 print("$12")  
else:  
 print("Sorry you have to grow taller before you can ride.")

LOGICAL OPERATOR:

You can combine different conditions using logical operators.

A and B #Both conditions need to be true

C or D #Only one condition needs to be true

not E #The condition must be false