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School for Sustainable  
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# Introduction to Python Programming

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# Decision Making

if(condition):  
    do this

## IF STATEMENTS

AN IF STATEMENT CHECKS TO SEE IF A CONDITION IS TRUE OR FALSE.  
IT WILL CARRY OUT INSTRUCTIONS DEPENDING ON THE CONDITION.

```
If food == 'junk food':  
    print("mmm.. Keep it coming")  
else:  
    print("I can't eat this!!!")
```



MMM.. KEEP  
IT COMING



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# Loops – for and while

for x in thislist:  
    do this

## FOR LOOPS

A **FOR** LOOP WILL REPEAT AN INSTRUCTION YOU GIVE AS MANY TIMES AS YOU ASK IT TO BE REPEATED.

{  
For x in range(3):  
    print("Are we there yet?")  
}



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# Loops

while(condition is true):  
do this

## WHILE LOOPS

A **WHILE** LOOP CONTINUES TO REPEAT AN INSTRUCTION UNTIL A CONDITION IS MET

```
{ while Homer == hungry:  
    print("Bring more food!!") }
```



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