int x = 10;
int y = 20;
if (x < y)
    print("HERE");
print("GOOD BYE");
IF-ELSE

if (x < y) {
    print("HELLO");
} else {
    print("GOODBYE");
}
else
Loops

while loop:

while (<conditional>){

... block of commands.

* want to update something so that the loop stops eventually.

Flow chart:

YES

NO
do 
  ... commands
  } while ( <conditional> );

Flowchart:

[Diagram of a flowchart with a decision point labeled 'Bloc' and a loop with 'YES' leading back to the decision point]
FOR-LOOP

for (INITIALIZATION ; CONDITION ; UPDATE) {
    // CODE GOES HERE
}

INITIALIZATION

CONDITION

INNER BLOCK

YES

NO