Publicia.

A 'Kideveloper' initiative

To Learn,

Repeat that thing! -

MARILE LOCA

```
while <expr>:
    <statement(s)>
```

Changing path.

normal while loop

```
while <truthy_expression>:
         <block statement>
         <block statement>
12
     <statement> # outside the block
```



```
while <truthy_expression>:
    <block statement>
   <block statement>
    break ·
    <block statement>
    <block statement>
    <blook statement>
    <block statement>
    <block statement>
    <block statement>
    <blook<br/>statement>
<statement> # outsidecthe block
```



```
>> while <truthy_expression>:
     <block statement>
     <block statement>
     <block statement>
     <block statement>
     <block statement>
     <block statement>
     continue
     <block statement>
     <block statement>
     <block statement>
 <statement> # outside the block
```

INTERES LOCAS

NESCECI WALLE LOOPS

nested while loop

```
while <expr1>:
    statement
    statement
    while <expr2>:
        statement
    statement
    statement
```

Nested while change path

```
while <expr1>:
    statement
    statement
    while <expr2>:
        statement
        statement
        break
    break
```



```
for <var> in <iterable>:
     <statement(s)>
```

Ilerobles & Ilerolors

for Loop inacts

for Looping other things

Break, Continue and Nest

TO LEMAS

Problem: Cruess a number?

Build a simple game: The program randomly picks a number between 1 – 100. The user has 10 guesses. At each guess the program should tell if the user's guess is lower or higher than the picked number. If the user finds the number say 'Hurray'. If the 10 tries are complete then say 'Sorry' and tell the picked number. After either come out of the program.

To Learn,