Loops

while Loop

A while loop statement repeatedly executes the code block within as long as the condition is true . The moment the condition becomes false , the program will exit the loop.
Note that the while loop might not ever run. If the condition is false initially, the code block will be skipped.

```cpp
while (password != 1234) {

  std::cout << "Try again: ";
  std::cin >> password;

}
```

for Loop

A for loop executes a code block a specific number of times. It has three parts:
- The initialization of a counter
- The continue condition
- The increment/decrement of the counter

This example prints 0 to 9 on the screen.

```cpp
for (int i = 0; i < 10; i++) {

  std::cout << i << "\n";

}
```