

For Loops

For loops are used to create, well, loops. A loop is used when you need to repeat a task N number of times. There are two types of for loops: the first type is the traditional type where you have a counter that increments or decrements as you program it or you can have a for loop that iterates over an iterable and returns only the objects inside the iterable without an explicit counter.

Further reading:

- [For Loops - dart.dev](https://dart.dev)
- [Dart Programming - for Loop - Tutorialspoint](https://www.tutorialspoint.com/dart/loop_in_dart.htm)
- [Dart Loops - W3Schools | W3Adda](https://www.w3schools.com/dart/dart_for_loop.asp)
- [Understanding Loops and Iteration in Dart - Section.io](https://section.io/dart/loops/)
- [Dart Loops - Javatpoint](https://www.javatpoint.com/dart/for-loop)



Examples

```
1  const valueToPrint = 'Foo Bar';
2  // here is a C-style for-loop using a counter
3  // variable that increments, using the ++ notation
4  // in every loop iteration
5  for (var i = 0; i < 5; i++) {
6    print('Iteration $i, value = $valueToPrint');
7  }
8  const ages = [10, 20, 30];
9  // and here is a modern for-loop that doesn't
10 // use a counter, and instead iterates over
11 // an iterable using just a "for" keyword
12 for (final age in ages) {
13   print(age);
14 }
```