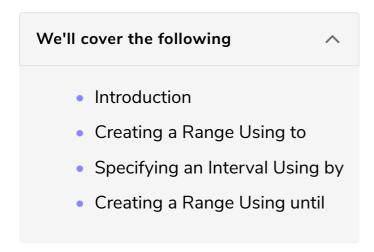
#### Creating a Range of Numbers

In this lesson, you will learn how to create a range of numbers using 'Range'.



#### Introduction #

In the previous lessons, we used the range method to populate a collection. A **Range** is also a collection in itself. It is an ordered sequence of integers with the integers being equally spread apart from one another by an equal interval.

## Creating a Range Using to #

We can create a Range by fixing to between the lower limit and upper limit of a Range.

# lowerLimit to upperLimit



The code snippet above creates a range of numbers starting from **1** all the way up

to IV.

### Specifying an Interval Using by #

We can specify the interval between each element using by.

#### lowerLimit to upperLimit by interval



The code snippet above creates a range of numbers starting from **1** all the way to **10** with an interval of **2** between two numbers. In other words, this would give us all the odd integers from **1** to **10**.

### Creating a Range Using until #

When we want to exclude the upper limit in a Range, we can use until fixed between the lower limit and the excluded upper limit.

## lowerLimit until upperLimit



The code snippet above creates a range of numbers starting from 1 until 3. In other

words, it's a range of numbers starting from 1 and ending at 2.

In the next lesson, we will discuss Streams; the last collection covered in this course.