

Leap in Scala

[Readme \(readme\)](#)[Test Suite \(../leap\)](#)

Leap

Write a program that will take a year and report if it is a leap year.

The tricky thing here is that a leap year occurs:

```
1 on every year that is evenly divisible by 4
2   except every year that is evenly divisible by 100
3     unless the year is also evenly divisible by 400
```

For example, 1997 is not a leap year, but 1996 is. 1900 is not a leap year, but 2000 is.

If your language provides a method in the standard library that does this look-up, pretend it doesn't exist and implement it yourself.

Notes

For a delightful, four minute explanation of the whole leap year phenomenon, go watch this youtube video (<http://www.youtube.com/watch?v=xX96xng7sAE>).

The Scala exercises assume an SBT project scheme. The exercise solution source should be placed within the exercise directory/src/main/scala. The exercise unit tests can be found within the exercise directory/src/test/scala.

To run the tests simply run the command `sbt test` in the exercise directory.

For more detailed info about the Scala track see the help page (<http://help.exercism.io/getting-started-with-scala.html>).

Source


JavaRanch Cattle Drive, exercise 3 view source (<http://www.javaranch.com/leap.jsp>)

Beta



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