

# Allergies in Scala

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

## Allergies

Write a program that, given a person's allergy score, can tell them whether or not they're allergic to a given item, and their full list of allergies.

An allergy test produces a single numeric score which contains the information about all the allergies the person has (that they were tested for).

The list of items (and their value) that were tested are:

- eggs (1)
- peanuts (2)
- shellfish (4)
- strawberries (8)
- tomatoes (16)
- chocolate (32)
- pollen (64)
- cats (128)

So if Tom is allergic to peanuts and chocolate, he gets a score of 34.

Now, given just that score of 34, your program should be able to say:

- Whether Tom is allergic to any one of those allergens listed above.
- All the allergens Tom is allergic to.

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

Jumpstart Lab Warm-up view source (<http://jumpstartlab.com>)

Beta



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