

## FS0060 Challenge Problem 1 – Shortest Distance

Create a program that calculates the shortest distance between Leicester and San Francisco across the Earth's surface from their latitudes and longitudes.

You are allowed to use the `math` module, but no other imported modules or libraries.

**Hint:** You might want to do some research into a formula for the great circle distance.

Get Python to print the distance between Leicester and San Francisco in a sentence, rounded to the nearest 10 km and printed with no decimal places.