Lesson 10 – Hints

Break the problem into 2 parts.

Part 1

* User input to get the two country codes
* Read the file to find the two records relating to the country codes
* Extract the Gold, Silver and Bronze medal counts
* Keeping track of which is which
* You need to test whether
  + Both of the country codes exist
  + They were supplied in the correct order
  + These can effectively be done as you read the file

Part 2

* Calculate the differences of Gold, Silver and Bronzes between the two countries
  + The difference in the Golds has to be >= 0
  + For Silvers and Bronzes the difference could be any value.
* Draw a flowchart which illustrates what can happen if the difference in bronzes is either <0 or >= 0. For these two branches consider the situation for Silver and for these four branches consider the situation for Gold
* You could do the flowchart starting with Gold and work down. The resulting eight options will be the same
* You may find it useful to create a test table of the possibilities similar to what we did in Lesson 8.