QUIZ 5

COMP9021 PRINCIPLES OF PROGRAMMING

```
$ python3 quiz_5.py
Input two distinct years in the range 1960 -- 2020: 1990-2020
Not a valid range of years, giving up...
$ python3 quiz_5.py
Input two distinct years in the range 1960 -- 2020: 1990---2020
Not a valid range of years, giving up...
$ python3 quiz_5.py
Input two distinct years in the range 1960 -- 2020: 2000--2000
Not a valid range of years, giving up...
$ python3 quiz_5.py
Input two distinct years in the range 1960 -- 2020: 1990 -- 2021
Not a valid range of years, giving up...
$ python3 quiz_5.py
Input two distinct years in the range 1960 -- 2020: 2000--1900
Not a valid range of years, giving up...
$ python3 quiz_5.py
Input two distinct years in the range 1960 -- 2020: 1960--2020
Input a strictly positive integer: 4
I do not have data for any country for at least one of those years.
$ python3 quiz_5.py
Input two distinct years in the range 1960 -- 2020: 2020 -- 1970
Input a strictly positive integer: 4
I do not have data for any country for at least one of those years.
$ python3 quiz_5.py
Input two distinct years in the range 1960 -- 2020: 1992--1999
Input a strictly positive integer: 4
Here are the top 4 countries or categories where, between 1992 and 1999,
  the ratios of agricultural land area and forest area
  (over total land) have both strictly increased,
  listed from the countries where the ratio of increases
  is largest, to those where it is smallest:
Middle East & North Africa (128.35)
Tajikistan (56.43)
Egypt, Arab Rep. (46.35)
Kyrgyz Republic (41.62)
```

```
$ python3 quiz_5.py
Input two distinct years in the range 1960 -- 2020: 1998   --   1997
Input a strictly positive integer: 5
Here are the top 5 countries or categories where, between 1997 and 1998,
  the ratios of agricultural land area and forest area
  (over total land) have both strictly increased,
  listed from the countries where the ratio of increases
  is largest, to those where it is smallest:
Iraq (171.43)
Middle East & North Africa (160.78)
Australia (52.87)
Iran, Islamic Rep. (38.26)
Azerbaijan (30.39)
$ python3 quiz_5.py
Input two distinct years in the range 1960 -- 2020: 2000--2005
Input a strictly positive integer: 12
Here are the top 12 countries or categories where, between 2000 and 2005,
  the ratios of agricultural land area and forest area
  (over total land) have both strictly increased,
  listed from the countries where the ratio of increases
  is largest, to those where it is smallest:
Iraq (155.71)
Arab World (44.02)
Egypt, Arab Rep. (29.00)
Cyprus (20.56)
Lebanon (10.55)
Cote d'Ivoire (7.79)
United Arab Emirates (5.00)
Ghana (4.65)
Syrian Arab Republic (4.50)
Chile (3.73)
Tunisia (3.50)
Azerbaijan (3.12)
$ python3 quiz_5.py
Input two distinct years in the range 1960 -- 2020: 1995 -- 2015
Input a strictly positive integer: 6
Here are the top 6 countries or categories where, between 1995 and 2015,
  the ratios of agricultural land area and forest area
  (over total land) have both strictly increased,
  listed from the countries where the ratio of increases
  is largest, to those where it is smallest:
Sierra Leone (47.46)
Tajikistan (30.27)
Egypt, Arab Rep. (23.58)
Iraq (13.36)
Lebanon (7.78)
Malaysia (7.58)
```