

## QUIZ 5

COMP9021 PRINCIPLES OF PROGRAMMING

```
$ 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: 1990---2021
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 -- 2022
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: 1
Here is the top country or category 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 (192.10)
```

```
$ 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:
```

```
Middle East & North Africa (240.67)
```

```
Iraq (171.43)
```

```
Middle East & North Africa (IDA & IBRD countries) (40.82)
```

```
Middle East & North Africa (excluding high income) (40.11)
```

```
Iran, Islamic Rep. (38.26)
```

```
$ 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 (311.43)
```

```
Egypt, Arab Rep. (72.16)
```

```
Cyprus (41.46)
```

```
Tunisia (27.89)
```

```
Denmark (8.06)
```

```
Algeria (7.02)
```

```
French Polynesia (4.40)
```

```
Syrian Arab Republic (4.35)
```

```
Kuwait (2.86)
```

```
Cabo Verde (2.67)
```

```
Croatia (2.60)
```

```
United Arab Emirates (2.54)
```

```
$ 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:
```

```
Lebanon (40.29)
```

```
Tajikistan (18.50)
```

```
Tunisia (12.41)
```

```
Iraq (10.87)
```

```
Middle East & North Africa (5.81)
```

```
Algeria (5.43)
```