1. We want to keep monthly rainfall for the years 2015-2020. You may generate the data **RANDOMLY** and keep them in list or dictionary. Use your own functions for each operation. You are supposed to provide the following menu to the user and output the result for the selected menu item:

1. Average rainfall for a given year

2. Average rainfall for a given month

3. Min. rainfall for a given year

4. Min. rainfall for a given month

5. Max. rainfall for a given year

6. Max. rainfall for a given month

7. Exit

Your choice?

* You can take months as integer or as Strings.
* The amount of rainfall will be integers. You will continuously ask the user whether he or she wants to make new calculations or not. You will output the data before asking the user for a new calculation.

**Example: Let’s assume that we filled in the data randomly**

1. Average rainfall for a given year

2. Average rainfall for a given month

3. Min. rainfall for a given year

4. Min. rainfall for a given month

5. Max. rainfall for a given year

6. Max. rainfall for a given month

7. Exit

Your choice? **1**

Which year? **2015**

(Write the table here again)!!

Average rainfall for year 2000 is = 10.5

1. Average rainfall for a given year

2. Average rainfall for a given month

3. Min. rainfall for a given year

4. Min. rainfall for a given month

5. Max. rainfall for a given year

6. Max. rainfall for a given month

7. Exit

Your choice? 2

Which month? January

(Write the table here again)!!

Average rainfall for month January is = 27.5

1. Average rainfall for a given year

2. Average rainfall for a given month

3. Min. rainfall for a given year

4. Min. rainfall for a given month

5. Max. rainfall for a given year

6. Max. rainfall for a given month

7. Exit

Your choice?3

Which year? 2020

(Write the table here again)!!

Min. Rainfal is in January and 25 units

1. Average rainfall for a given year

2. Average rainfall for a given month

3. Min. rainfall for a given year

4. Min. rainfall for a given month

5. Max. rainfall for a given year

6. Max. rainfall for a given month

7. Exit

Your choice? 6

Which month? October

(Write the table here again)!!

Max. Rainfal is in year 2009 and 59 units

1. Average rainfall for a given year

2. Average rainfall for a given month

3. Min. rainfall for a given year

4. Min. rainfall for a given month

5. Max. rainfall for a given year

6. Max. rainfall for a given month

7. Exit

Your choice? 7

Bye