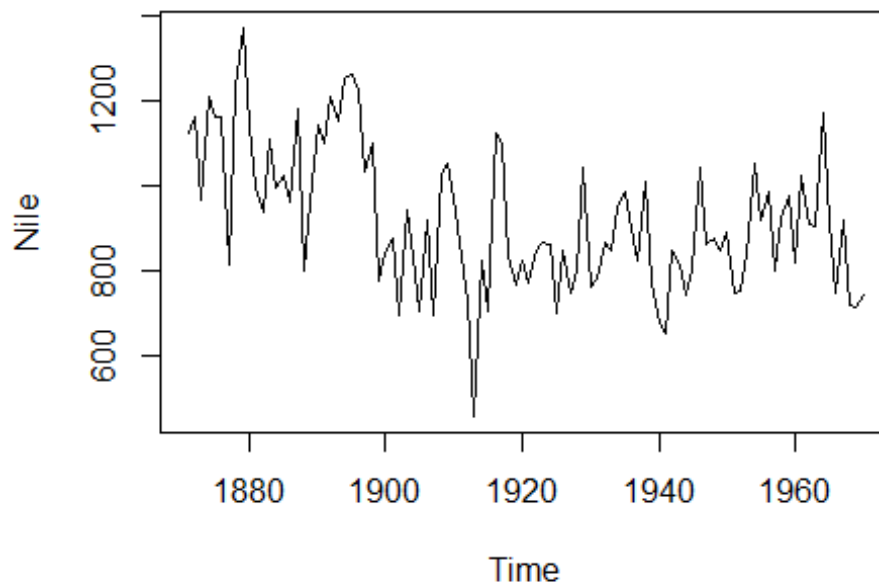# Section 5 Practice Assignment

Question 1: In R there is an in buit data frame **Nile**. This has the annual flow in river Nile for year 1871 to 1971.
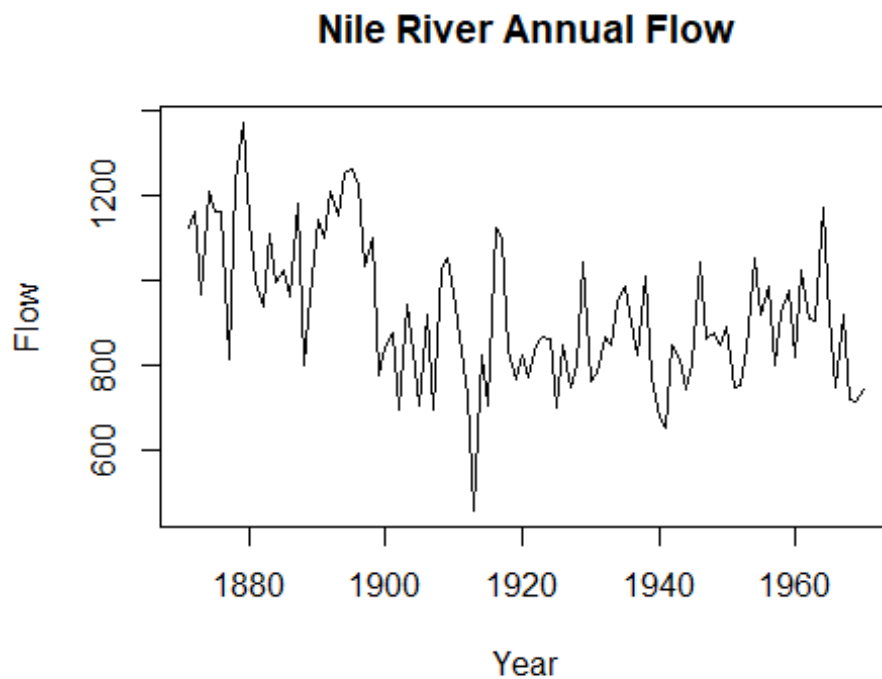
See the data frame Nile below.

```
Nile

## Time Series:
## Start = 1871
## End = 1970
## Frequency = 1
##   [1] 1120 1160  963 1210 1160 1160  813 1230 1370 1140  995  935 1110  99
4
............
```

You are required to produce the following plot using R.
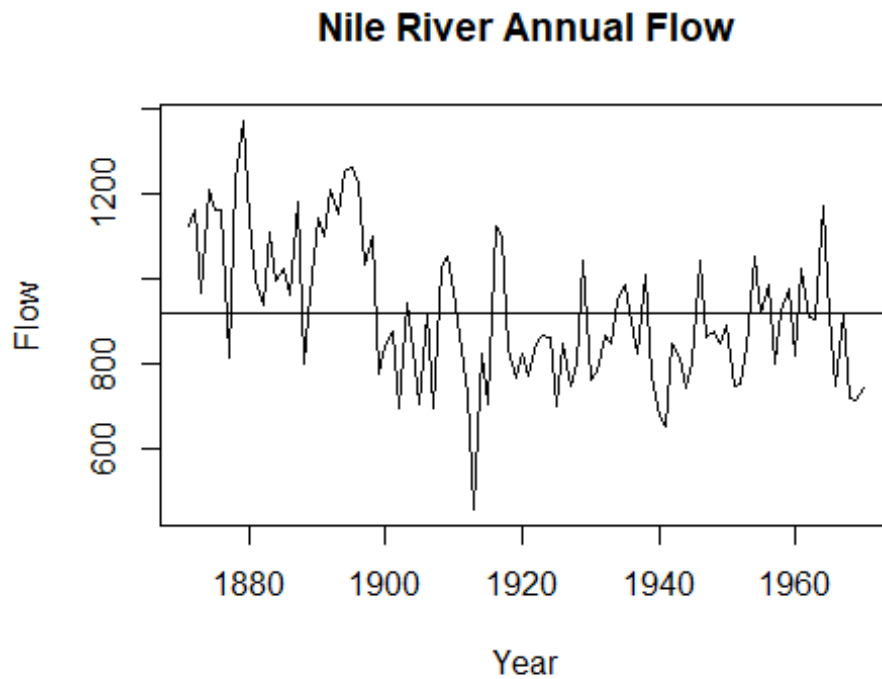

Question 2: In the above Plot, your next assignment is to add the title as "Nile River Annual Flow", x axis label as "Year" and y axis label as "Flow".

See the expected output below:

Nile River Annual Flow

Question 3: Add a horizontal line showing the average flow over these years.

See the expected output:

Nile River Annual Flow

Question 4: Add text as: "Average Flow:" with the caculated aveareg flow on the chart. See the expected output.

Hint: To add number of items to a sring, there is a function called paste(). This is not very intutive and was not covered in lectures. paste("Average Flow: ", mean(Nile)) will produce the required text.