Corr is a function which takes a vector as an input.

The output from corr looks like this:

```
Sample mean                   = 0.482436    A
Sample population variance = 0.085554
Final sample size          = 500
Autoregressive order             = 0
Sample variance of sample mean   = 0.000171
Unbiased sample population variance = 0.085725
Equivalent degrees of freedom    = 499

0.0125 Lower confidence point = 0.45305    B
0.0125 Upper confidence point = 0.51183    B
    Computed critical t-value = 2.25

0.0250 Lower confidence point = 0.45674    C
0.0250 Upper confidence point = 0.50814    C
    Computed critical t-value = 1.96

0.0500 Lower confidence point = 0.46094    D
0.0500 Upper confidence point = 0.50393    D
    Computed critical t-value = 1.64

No correlation found, autoregressive order 0
Sample residual variance = 0.085554
```

On the line marked with an A you see the mean. On the lines marked with B, you se the limits of the 97.5 % confidence interval, on the lines marked with C the 95 % confidence interval and finally on the lines marked with D, the 90 % confidence interval.

You will also se a graph that shows the autocorrelation as a function of the distance between the measuring points.