Introducion to Weave

This a sample Julia noweb document that can be executed using Weave. Output from code chunks and PyPlot plots will be included in the weaved document. You also need to install Pweave from Github in order to use Weave.

This documented can be turned into Pandoc markdown with captured result from Julia prompt.

```julia
using Weave
weave("examples/julia_sample.mdw")
```

Terminal chunk

```julia
julia> x = 1:10
1:10

julia> d = {"Weave" => "testing"}
Dict{Any,Any} with 1 entry:
  "Weave" => "testing"

julia> y = [2, 4 ,8]
3-element Array{Int64,1}:
 2
 4
 8
```

Capturing figures

The figures and code can be included in the output.

```julia
using PyPlot
t = linspace(0, 2*pi, 100)
plot(t, sinc(t))
xlabel("x")
ylabel("sinc(x)")
```

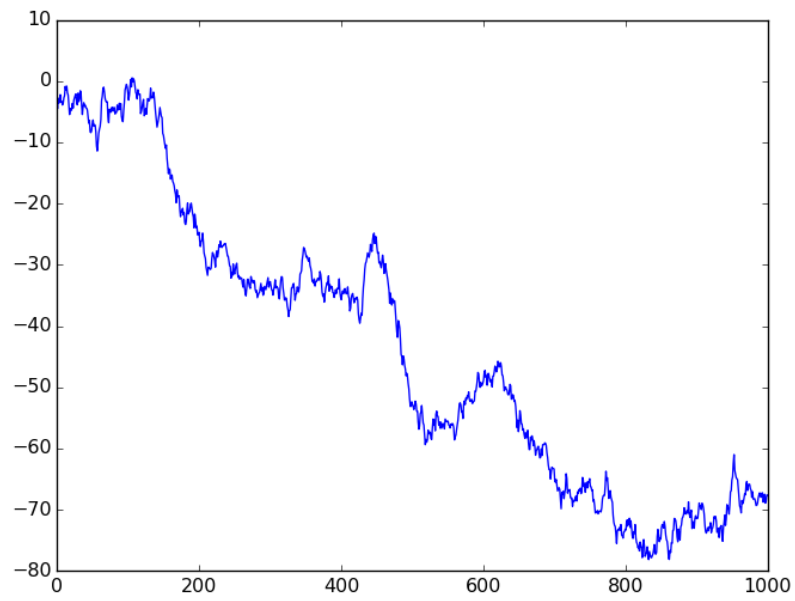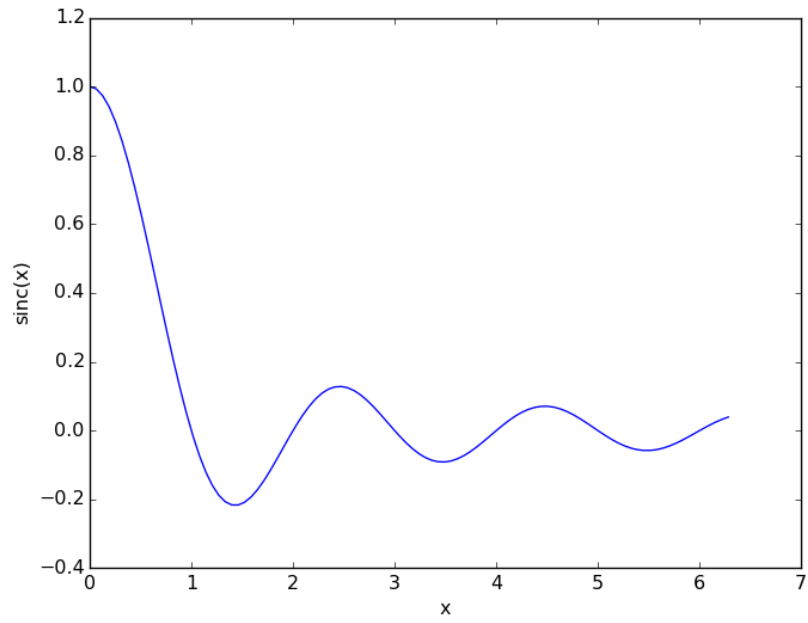You can also include a plot with caption and hide the code:

Figure 1: Random walk.