# Exercises and Tasks

**Contents:**

- Simple examples for a better understanding

- User exercises and tasks to get more practice

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**Lecture Parts**

1. XY-Plots
2. Maps and Contours
3. Vectors
4. Slices
5. Panel Plots
6. Projections, Map Resolutions, Shapefiles
7. Captions and Annotations
8. Animations

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## Base NCL script

Since NCL version 6.2.0 not needed

```
load "$NCARG_ROOT/lib/ncarg/nclscripts/csm/gsn_code.ncl"
load "$NCARG_ROOT/lib/ncarg/nclscripts/csm/gsn_csm.ncl"

begin
            - create data or open data file
            - set variable/variables
            - set plotting resources
            - create plot

end
```

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