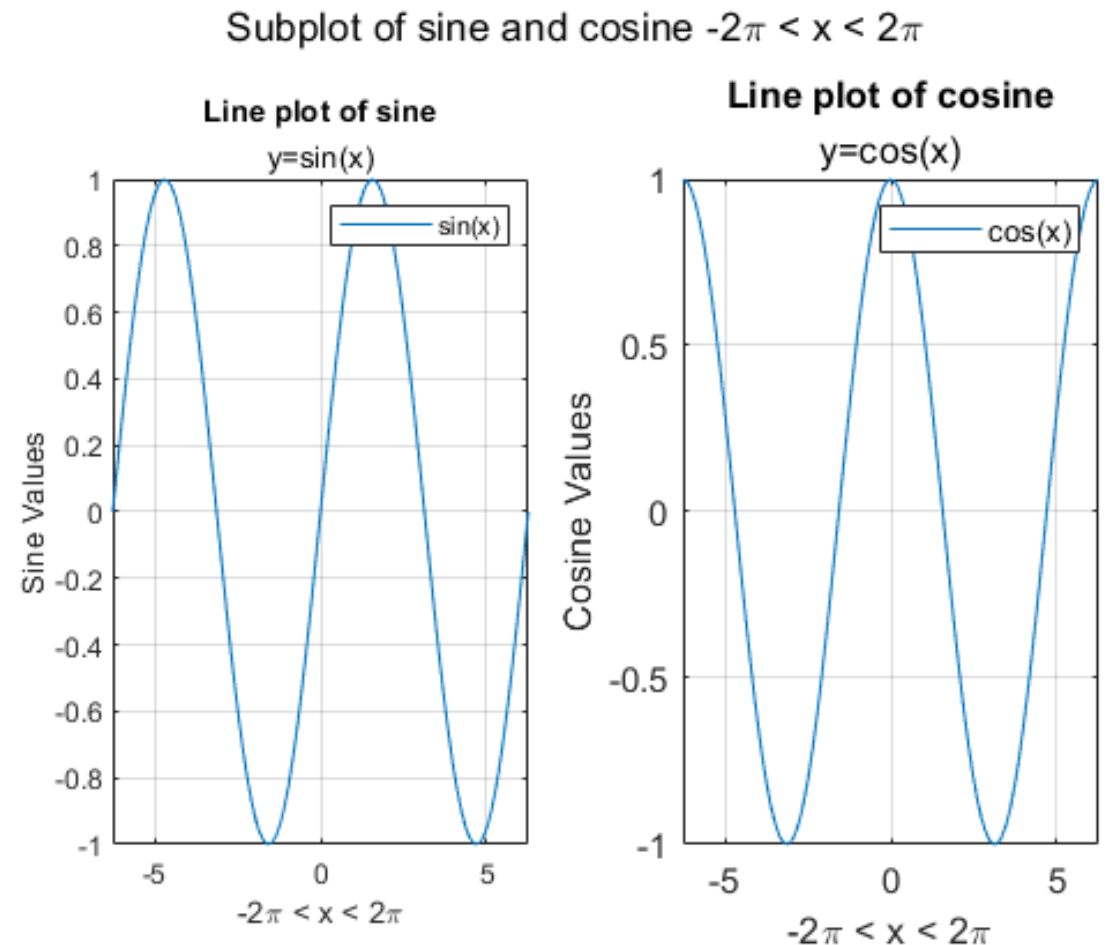


# Tutorial 06

L11 Formatting and Annotation, L12 Printing and Saving plots

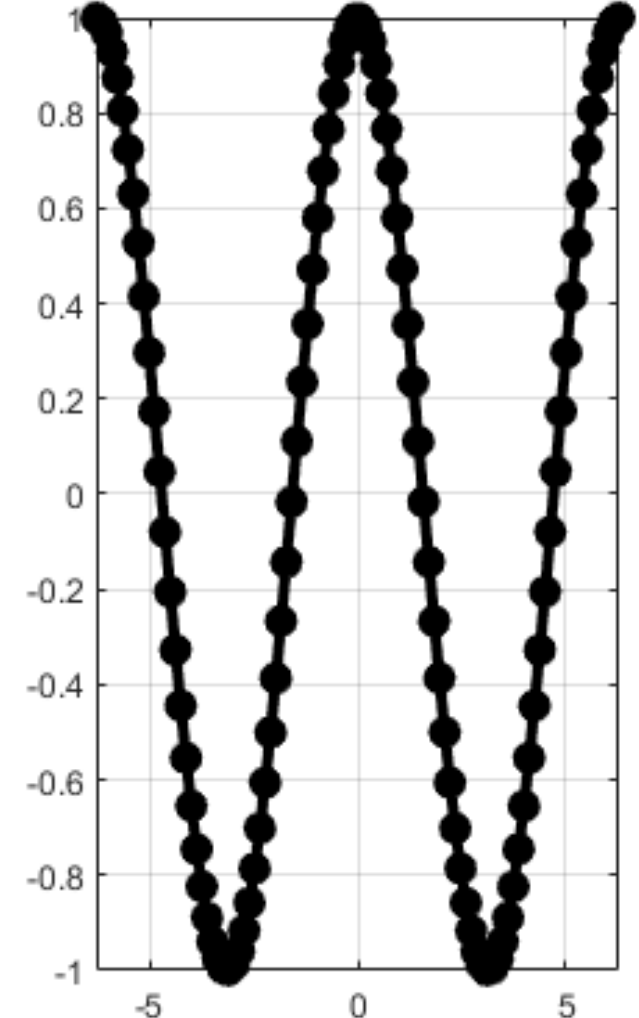
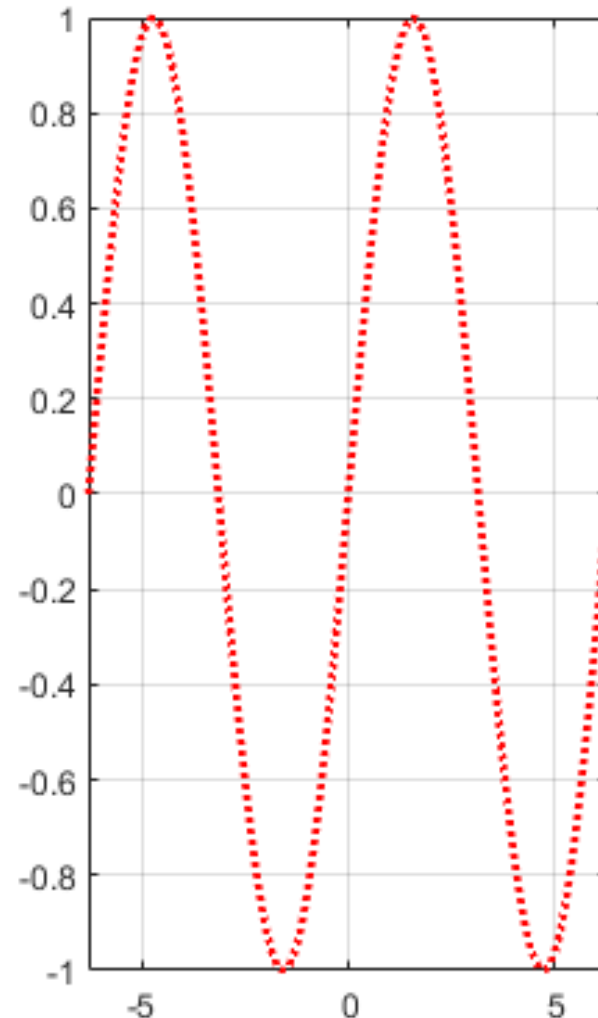
# Exercise 01

- Plot the value of the sine and cosine function from 0 to  $2\pi$ . Use subplot to plot sine and cosine function separately.
- Add title and subtitles to plot.
- Add axis labels
- Add legend
- Add grid lines to plot
- Set the font size in the cosine
- plot to 11 points



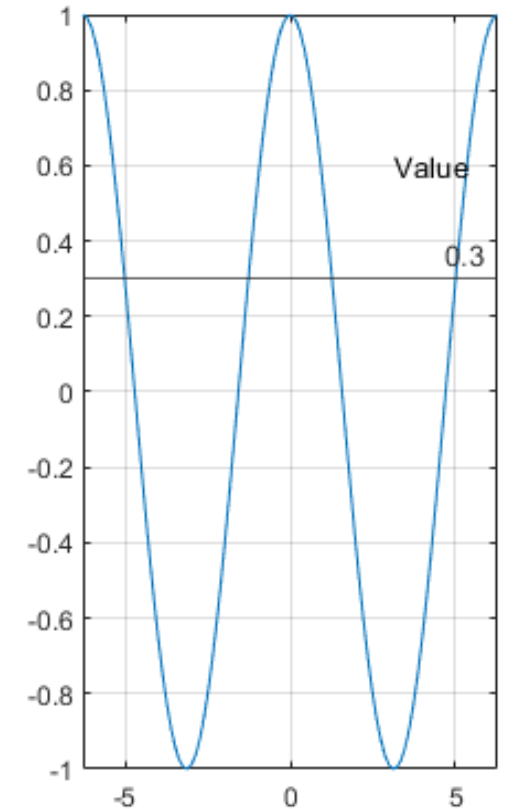
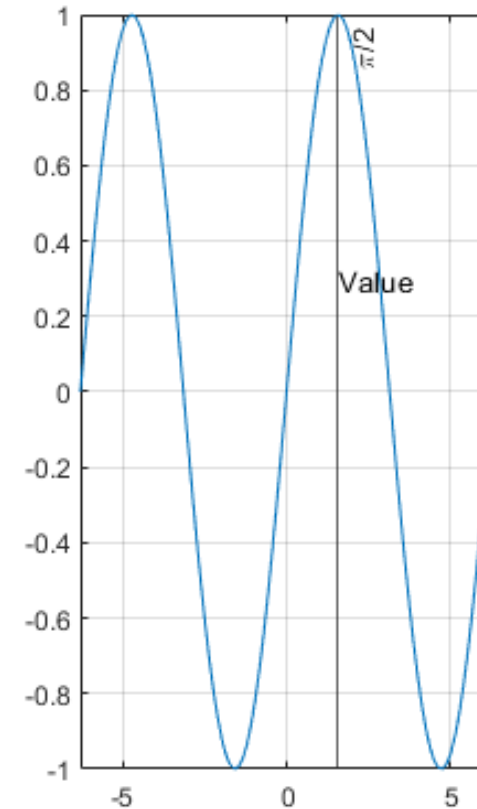
# Exercise 02

- Plot the value of the sine and cosine function from 0 to  $2\pi$ . Use subplot to plot sine and cosine function separately.
- For the sineplot
  - Change linewidth to 2.
  - Change the line style to dotted.
  - Color the line style to red.
- For the cosineplot
  - Change linewidth to 3.
  - Change the line style to solid.
  - Color the line style to black.
  - Add markers (circle 'o') to the line plot



# Exercise 03

- Plot the value of the sine and cosine function from 0 to  $2\pi$ . Use subplot to plot sine and cosine function separately.
- For the sineplot
  - Add a text description 'Value' at  $(\pi/2, 0.3)$
  - Add a vertical line at  $\pi/2$  with a text  $\pi/2$
- For the cosineplot
  - Add a text description 'Value' at  $(\pi, 0.6)$
  - Add a horizontal line at 0.3 with a text 0.3



# Exercise 04

- Save plots generated from Ex 3 in PNG, JPG and PDF formats.