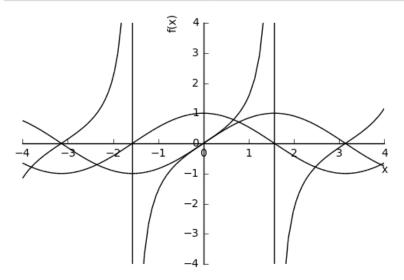


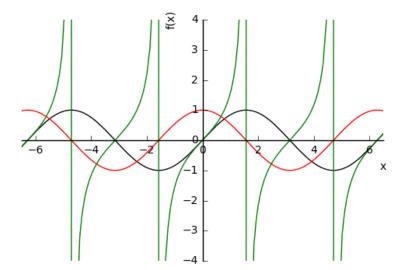
Out[6]: <sympy.plotting.plot.Plot at 0x198409dd780>

```
In [7]: plot(sin(x), cos(x), tan(x), (x, -4, 4), ylim=(-4, 4))
```

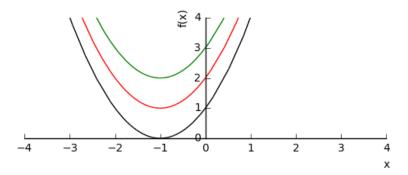


Out[7]: <sympy.plotting.plot.Plot at 0x1983f1c5a58>

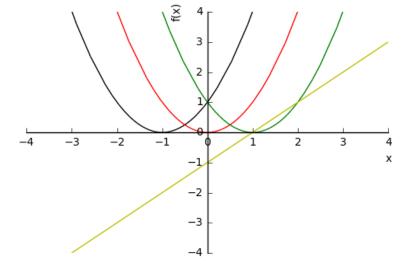
```
In [23]: p1 = sin(x)
    p2 = cos(x)
    p3 = tan(x)
    leePlot = plot(p1,p2,p3,xlim=(-6.5,6.5),ylim=(-4,4), show=false)
    leePlot[1].line_color = 'r'
    leePlot[2].line_color = 'g'
    leePlot.show()
```



```
leePlot2[2].line_color='g'
leePlot2.grid='True'
leePlot2.show()
```



```
In [22]: p1 = (x+1)**2
    p2 = (x)**2
    p3 = (x-1)**2
    p4 = (x-1)
    leePlot3 = plot(p1, p2, p3, p4, xlim=(-4,4),ylim=(-4,4), show=false)
    leePlot3[1].line_color='r'
    leePlot3[2].line_color='g'
    leePlot3[3].line_color='y'
    leePlot3.show()
```



print(plt.style.available)

```
In [10]: solve(x^{**}2+2^{*}x+1)

Out[10]: [-1]

In [11]: solve(x^{**}2+2^{*}x+2)

Out[11]: [-1-i, -1+i]

In [12]: solve(x^{**}2+2^{*}x+3)

Out[12]: [-1-\sqrt{2}i, -1+\sqrt{2}i]

In [13]: import matplotlib.pyplot as plt
```

['bmh', 'seaborn-poster', 'seaborn-talk', 'seaborn-paper', 'seaborn-dark', 'fivethirtyeight', 'seaborn-ticks', 'seaborn-notebook', 'seaborn-pastel', 'classic', 'ggplot', 'seaborn-muted', 'seaborn-bright', 'grayscale', 'seaborn-white', 'seaborn-colorblind', 'seaborn-darkgrid', 'seaborn-whitegrid', 'seaborn-darkpalette', 'dark\_background', 'seaborn-deep']

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