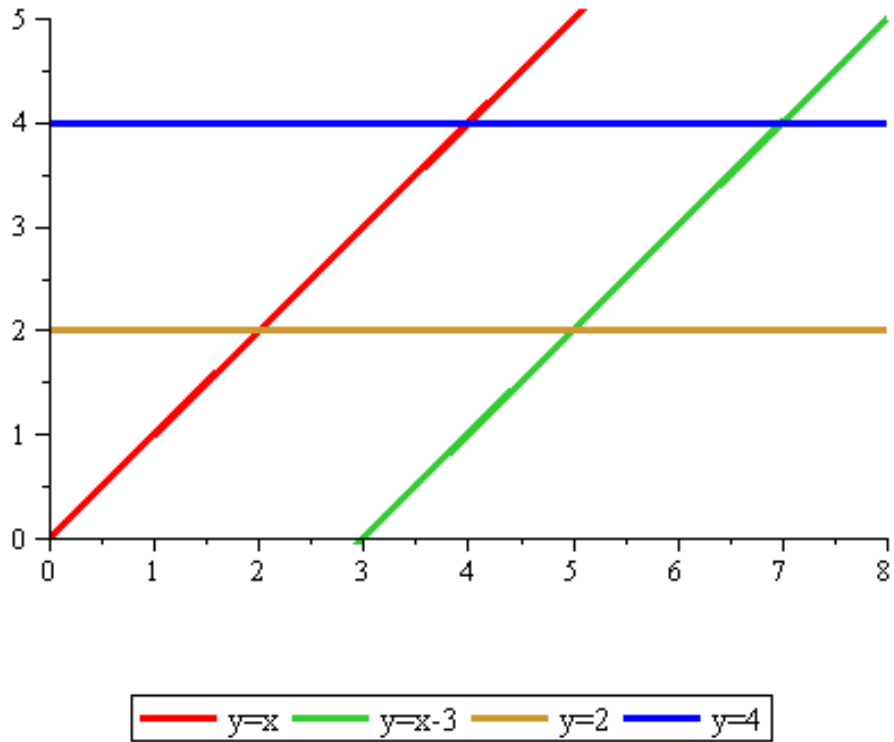
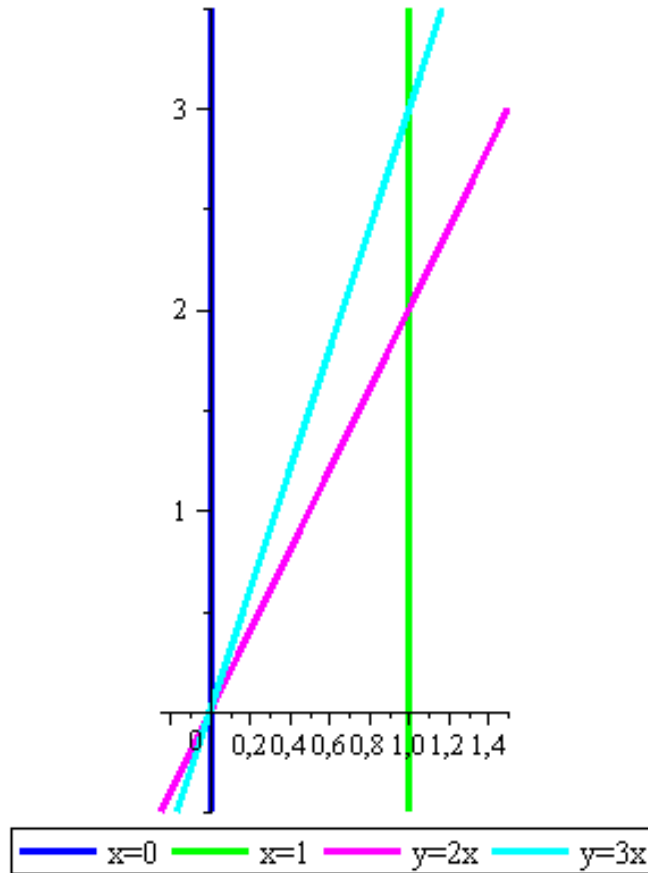


with(plots) :

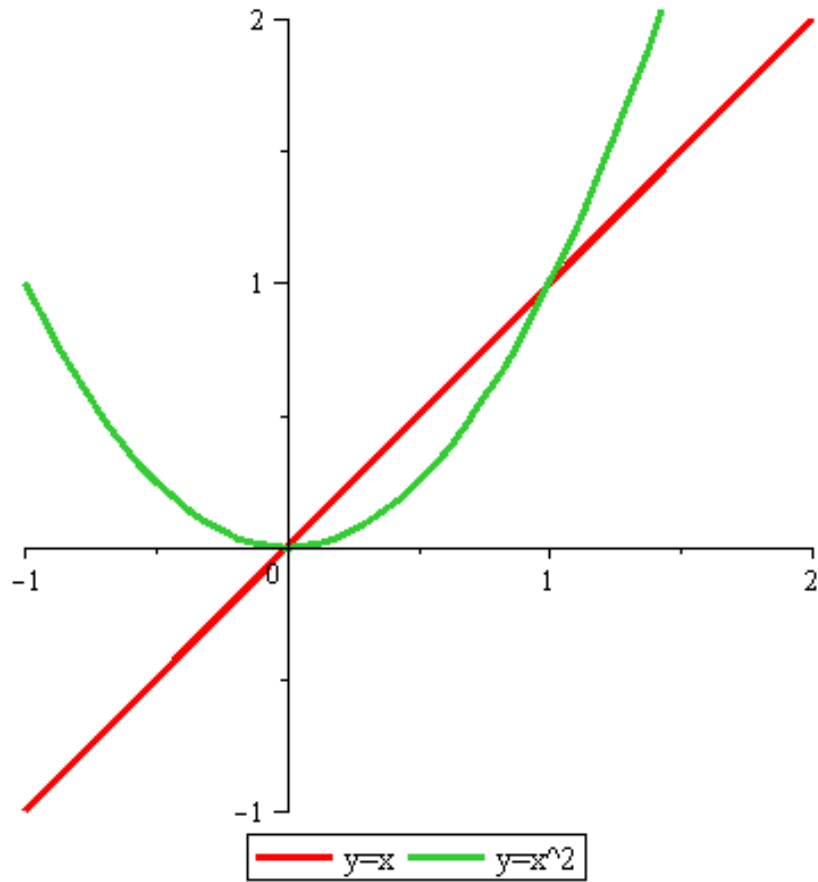
```
plot([x, x - 3, 2, 4], x = 0 .. 8, y = 0 .. 5, thickness = 3, legend = ["y=x",  
"y=x-3", "y=2", "y=4"]);
```



```
implicitplot([x = 0, x = 1, y = 2·x, y = 3·x], x = -0.5 .. 1.5, y = -0.5 .. 3.5, thickness = 3, legend = ["x=0", "x=1", "y=2x", "y=3x"], color = [blue, green, magenta, cyan]);
```



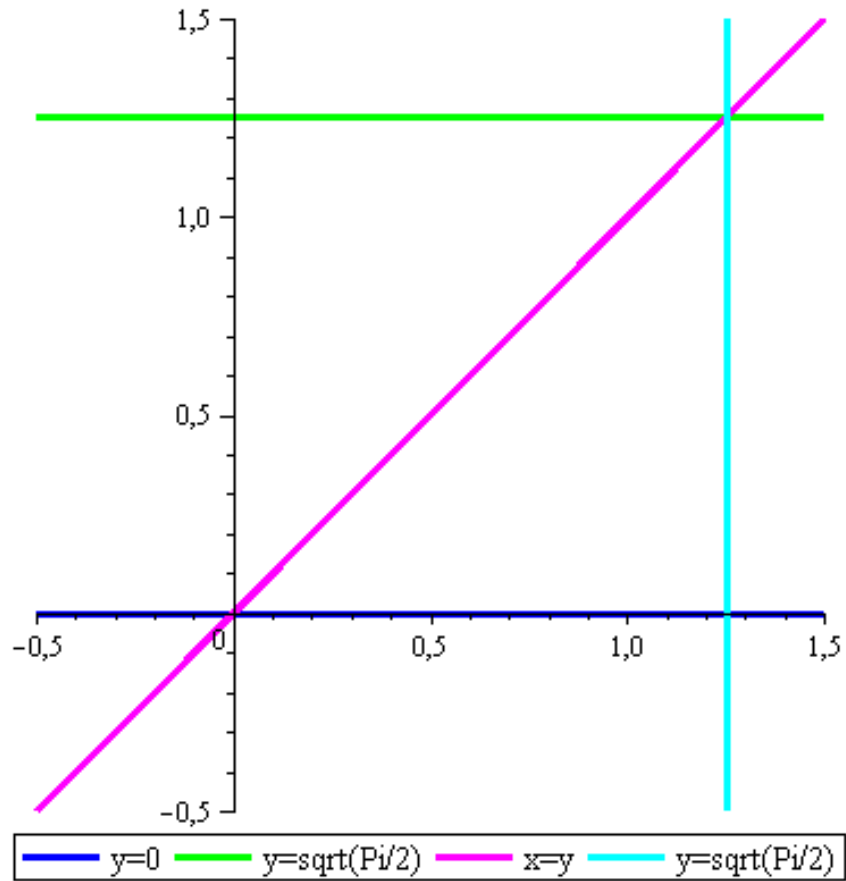
```
plot([x, x^2], x=-1..2, y=-1..2, thickness = 3, legend = ["y=x";  
"y=x^2"]);
```



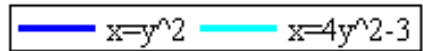
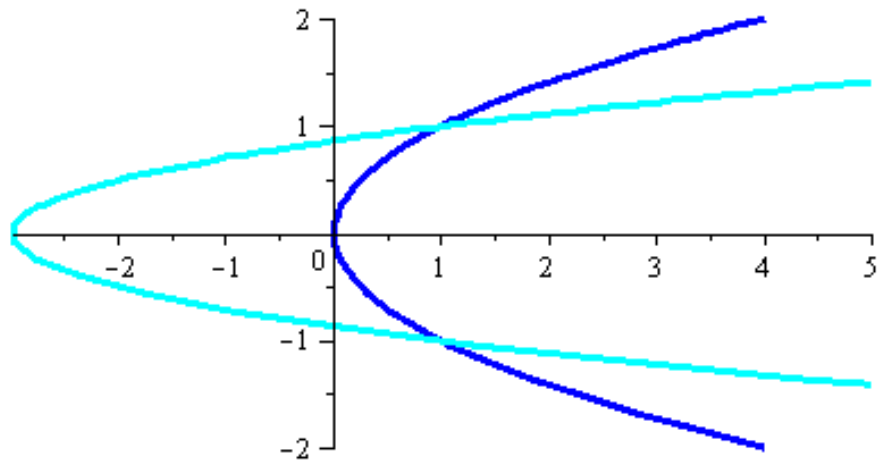
```

implicitplot([y = 0, y = sqrt(Pi/2), x = y, x = sqrt(Pi/2)], x = -0.5
..1.5, y = -0.5 ..1.5, thickness = 3, color = [blue, green, magenta,
cyan], legend = ["y=0", "y=sqrt(Pi/2)", "x=y", "y=sqrt(Pi/2)"]);

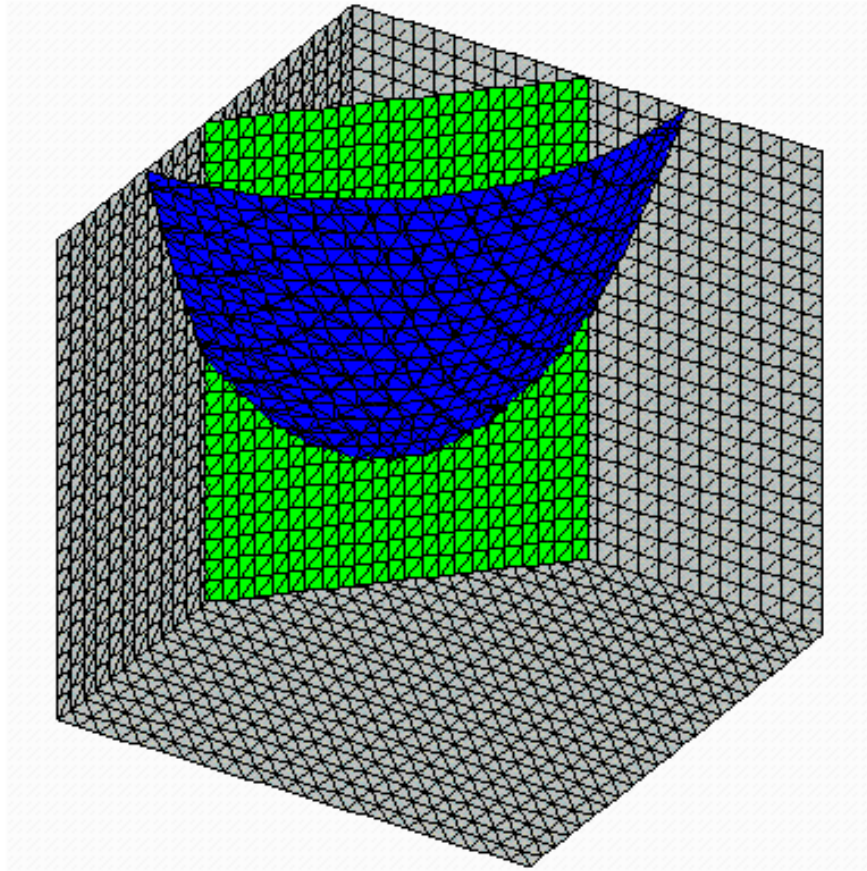
```



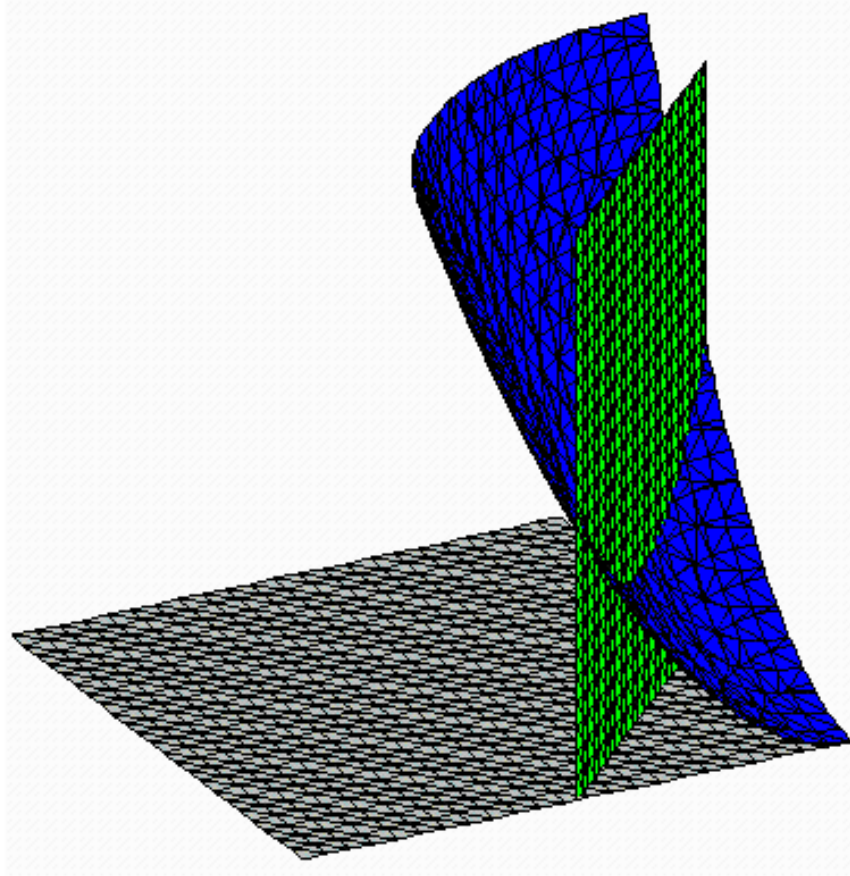
```
implicitplot([x = y^2, x = 4·y^2 - 3], x = -3 .. 5, y = -2 .. 2, thickness  
= 3, color = [blue, cyan], legend = ["x=y^2", "x=4y^2-3"]);
```



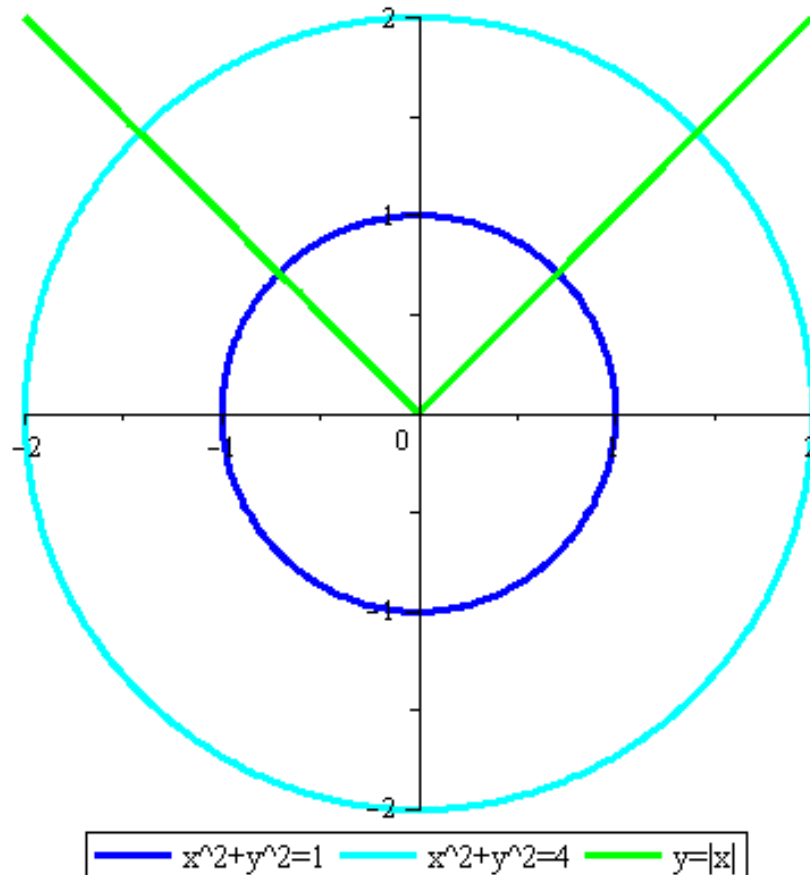
```
implicitplot3d([z = x^2 + y^2, x + y = 1, x = 0, y = 0, z = 0], x = 0 .. 2, y  
= 0 .. 2, z = 0 .. 2, numpoints = 10000, color = [blue, green, grey,  
grey, grey]);
```



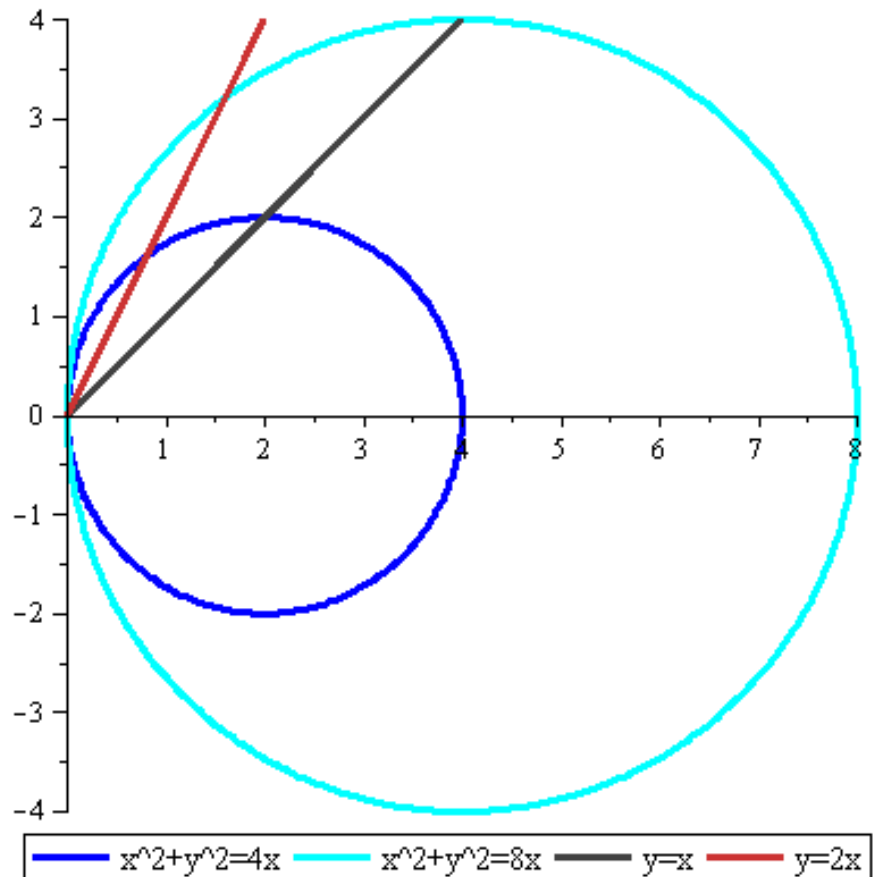
```
implicitplot3d([z = x^2 + y^2, x + y = 1, z = 0], x = 0..2, y = 0..2, z = 0  
..2, numpoints = 10000, color = [blue, green, grey]);
```



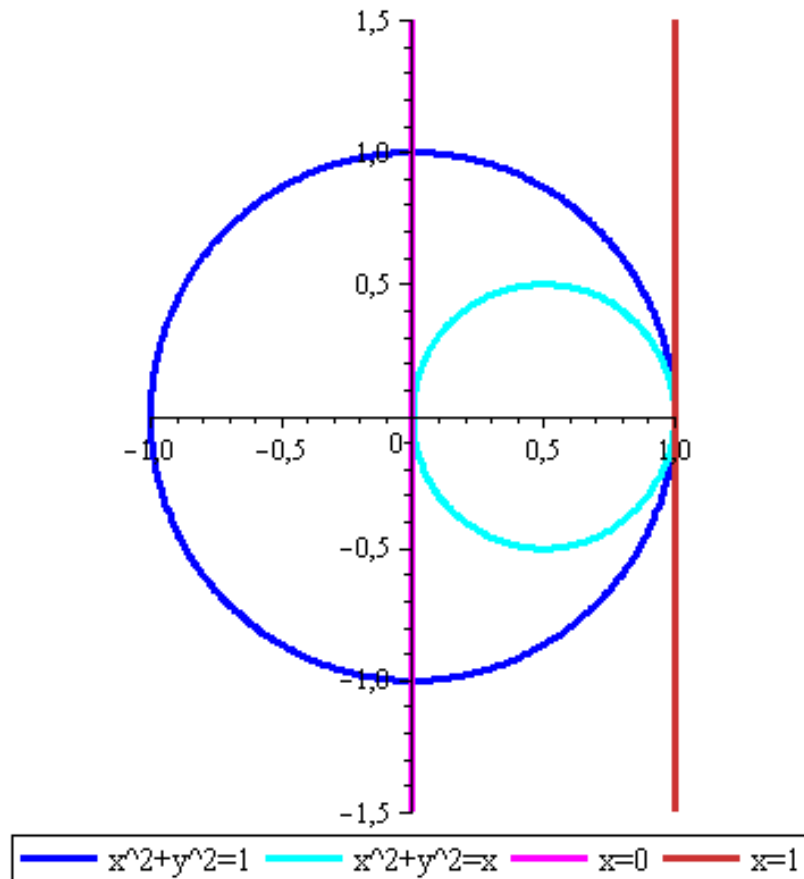
```
implicitplot([x^2 + y^2 = 1, x^2 + y^2 = 4, y = |x|], x = -2..2, y = -2..2,  
thickness = 3, color = [blue, cyan, green], legend  
= ["x^2+y^2=1", "x^2+y^2=4", "y=|x|"], numpoints = 35000);
```



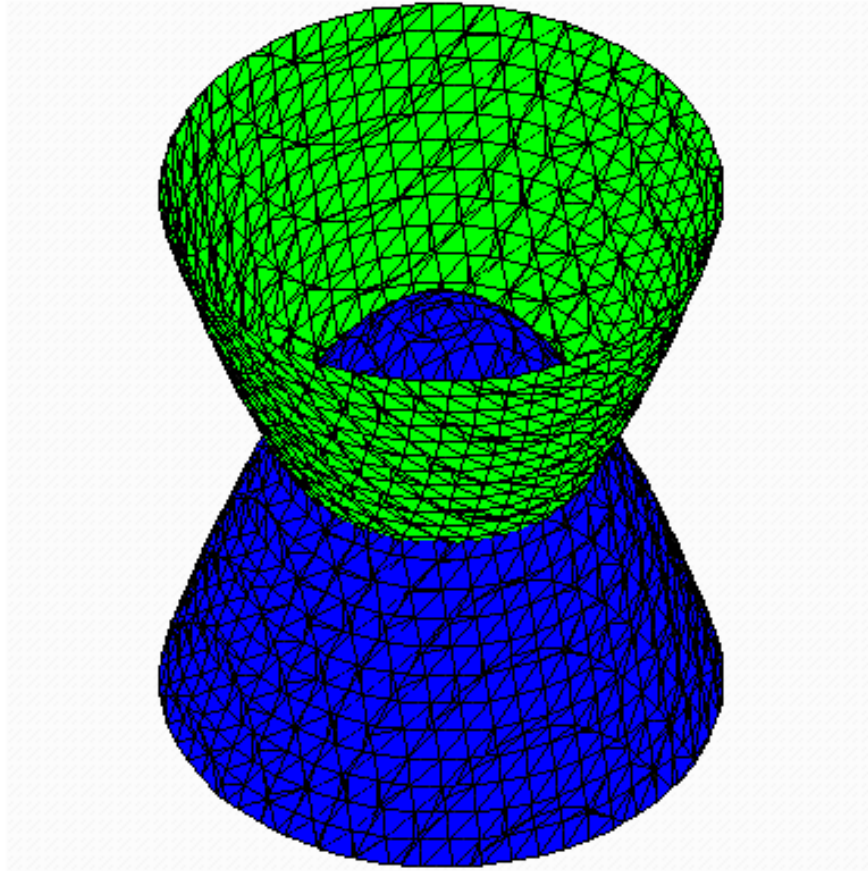

```
implicitplot([x^2 + y^2 = 4·x, x^2 + y^2 = 8·x, y = x, y = 2·x], x = 0 .. 8, y
 = -4 .. 4, thickness = 3, color = [blue, cyan, violet, orange ],
 legend = ["x^2+y^2=4x", "x^2+y^2=8x", "y=x", "y=2x"],
 numpoints = 35000);
```



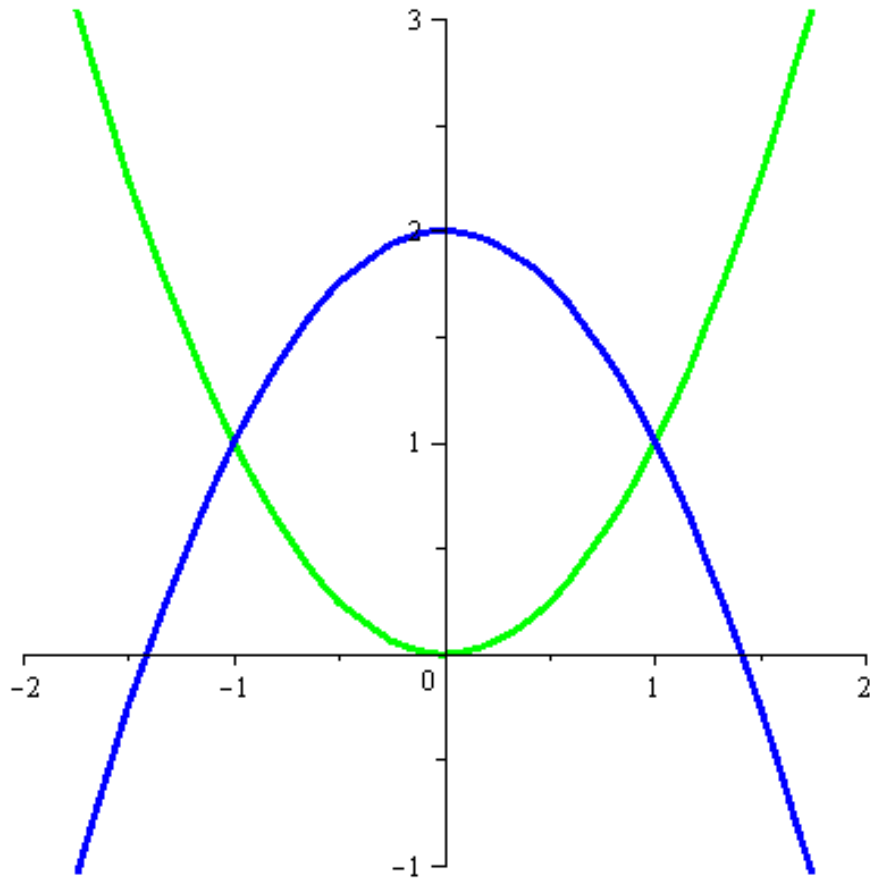
```
implicitplot([x^2 + y^2 = 1, x^2 + y^2 = x, x = 0, x = 1], x = -1 .. 1, y = -1.5 .. 1.5, thickness = 3, color = [blue, cyan, magenta, orange ],  
legend = ["x^2+y^2=1", "x^2+y^2=x", "x=0", "x=1"], numpoints = 35000);
```



```
implicitplot3d([z = x^2 + y^2, z = 2 - (x^2 + y^2)], x = -2 .. 2, y = -2 .. 2, z  
= -1 .. 3, numpoints = 10000, color = [green, blue]);
```



```
plot([x^2, 2 - x^2], x=-2..2, y=-1..3, thickness = 3, color = [green,  
blue]);
```



```
implicitplot3d([x^2 + y^2 + z^2 = 1, x = 0, x = y, z = 0], x = 0 .. 1.2, y = 0 .. 1.2, z = 0 .. 1.2, numpoints = 10000, color = [blue, grey, green, grey]);
```

