

```
1 from sympy import *
2 from sympy import exp
3 from sympy import symbols
4 from sympy import diff
5 from sympy import Function
6 from sympy import plot
7
8 t = Symbol('t')
9 f = 1 / exp(-1 * t**2)
10 f_4th_derv = diff(f, t, 4)
11
12 print(f"Fourth Derv, f''''(t): {f_4th_derv}")
13
14 Function('f_4th_derv')
15 plt = plot(f_4th_derv, (t, 0, 5), title="Fourth derv. Graph", legend= True,
16           xlabel='t', ylabel='Fourth derv. of f(t)')
17 plt.show
18
```