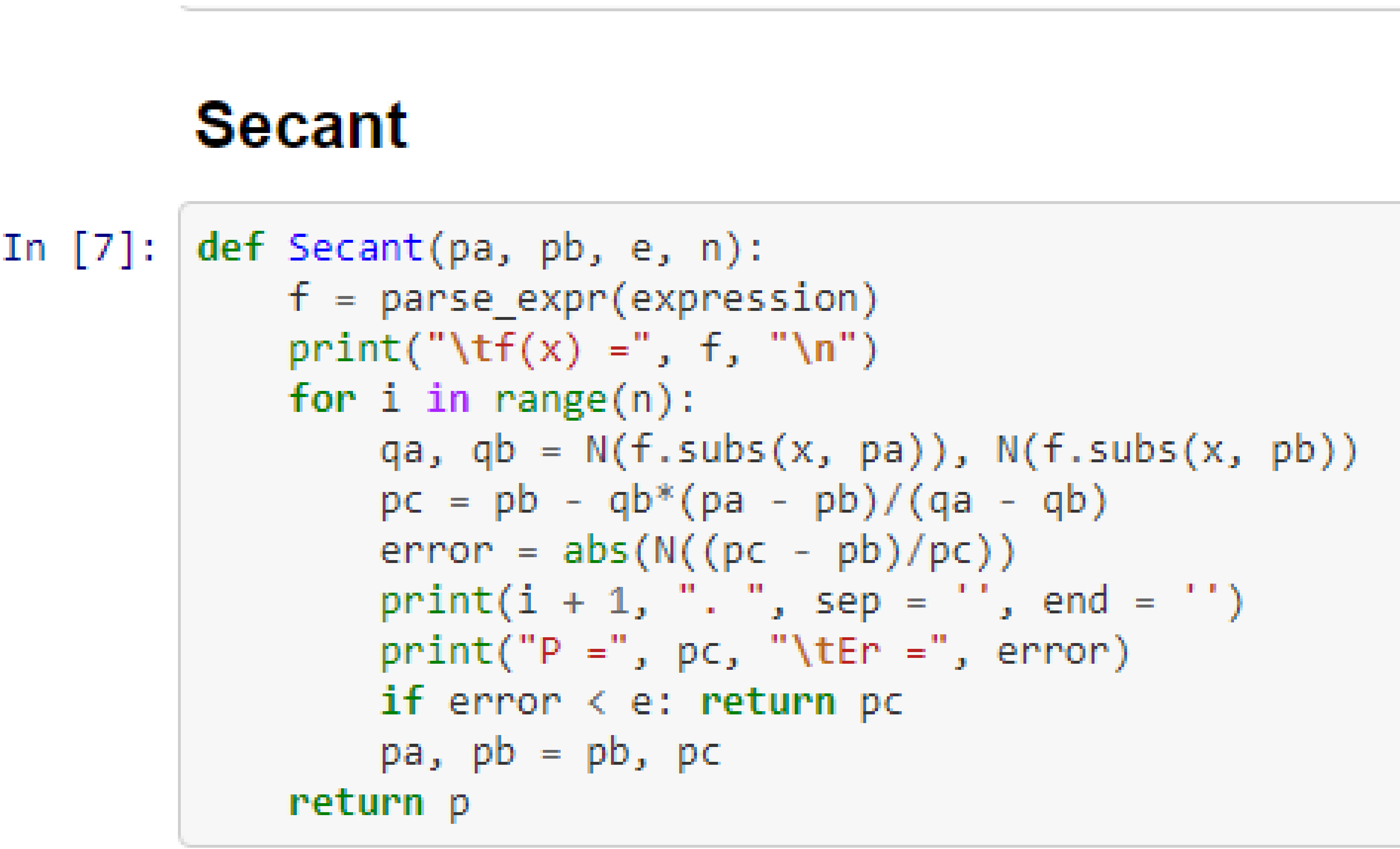

Secant

In [7]:

```
def Secant(pa, pb, e, n):
    f = parse_expr(expression)
    print("\tf(x) =", f, "\n")
    for i in range(n):
        qa, qb = N(f.subs(x, pa)), N(f.subs(x, pb))
        pc = pb - qb*(pa - pb)/(qa - qb)
        error = abs(N((pc - pb)/pc))
        print(i + 1, ". ", sep = '', end = '')
        print("P =", pc, "\tEr =", error)
        if error < e: return pc
        pa, pb = pb, pc
    return p
```