```
import math
# f(x) = -sin(x) / x
def f(x):
   return -math.sin(x) / x
def df(x):
   return -(x * math.cos(x) - math.sin(x)) / x ** 2
def secant method_update(xk, xk_, df):
   return xk - df(xk)*(xk - xk_) / (df(xk) - df(xk_))
def mini():
   tol = 10 ** (-8)
    prevx = -10
   roots = []
   min = []
   for num in range (-9, 11):
        x hat = num
        while abs(x_hat) >= -10 and abs(x_hat) <= 10:
            if (x hat == 0) or (prevx == 0): break
            if abs(df(x hat)) < tol:</pre>
                if df(x hat - 0.5) < 0 and df(x hat + 0.5) > 0:
                    roots.append(x hat)
                    min.append(f(x_hat))
                break
            else:
                x hat = secant method update(x hat, prevx, df)
                if abs(x_hat_) > 0 and abs(x_hat_) < tol: break</pre>
                prevx, x_hat = x_hat, x_hat_
                print("iteration", num , "prevx = ", prevx, "x_hat_ = ", x_hat_)
        prevx = num
    return roots, min
print(mini())
```