To scramble: select r randomly from {1 … q} and calculate $g' = g^r$ and $h' = h^r = g^{xr}$.

Function encrypt(G, g', q, h', m) {
    select y randomly from {1 … q}
    $c_1 = g'^y$
    $s = h'^y$
    m' = m converted to a member of G
    $c_2 = m'.s = m'.h'^y = m'.g^{xry}$
    return $(c_1, c_2)$
}

Function decrypt(G, x, $c_1$, $c_2$) {
    $s = (c_1)^x$
    $m' = c_2.s^{-1} = m'.g^{xry}.g^{-xry}$
    m = m' de-converted from a member of G
    return m
}