2.  $0 \times f_6 = 1111 \quad 0110 = 2 + 24 \times x + 24 + 24 \times x + 2$ 

= f(a) + m(a) + 2f(a) = m(a) + (2c+1) f(a)(2c+1) f(a) + m(a) = 1 (2c+1) f(a) = 1 + m(a)

(7tt) fra) = [ (mod m(n))

=> f(n) = (2+2+25+25+2+2+2)=(2+1)=03