Exercise : 7

① Build the Jacobian Vector for the functions :

    a. $f(x,y) = x^3 y^2$

    b. $f(x,y,z) = 2xy^2 z^3$

② Build the Jacobian Matrix for :

$$f(x,y) = 12xy^3$$

$$g(x,y) = 5x^2 y^4$$