① $f(x,y) = \ln(x^2 - 3y^2)$ & $(a,b) = (2,1)$.

Find $f(a,b)$, $\frac{\partial f}{\partial x}(a,b)$, and $\frac{\partial f}{\partial y}(a,b)$.

Then use these to find tangent line

approximations of

$f(2.02, 1)$, $f(1.99, 0)$, and $f(2, 1.05)$.

② Find $\frac{\partial}{\partial x}(x^3 + x^2 y + xy^2 + y^3)$.

③ Find $\frac{\partial}{\partial y}\left(e^{(x/y)}\right)$.