The equation of a curve is $x^3 + y^3 + 2xy + 8 = 0$.

Express $\frac{dy}{dx}$ in terms of x and y.	

The tangent to the curve at the point where x = 0 and the tangent at the point where y = 0 intersect at the acute angle α .

(b)	Find the exact value of $\tan \alpha$.	[5]