Lab Assignment 1

MATHEMATICS II: INTEGRAL CALCULUS & DIFFERENTIAL EQUATIONS
(MAT120)

Find the minima and maxima of the following functions at a given interval

1. $y = 9x^3 - 7x^2 + 3x + 10$ in the interval [-5, 6]

2. $y = \ln x$ [-5, 6]

3. $y = \sin x$ [-5, 6]

4. $y = \cos x$ [-5, 6]

5. $y = \tan x$ [-5, 6]