

% Create a script M-file called cubicExercise.m that contains the following five cells ✓  
with code that:

- % a) plots myCubic(x) between the values of [-5, 5],  
    A = plot(myCubic(x))
- % b) finds a local minimum of myCubic(x), located between 0 and 5,  
    B = islocalmin(myCubic(x))
- % c) finds the all three roots of myCubic(x) using appropriate intervals [a,b]  
    p = [1 2 -5 -8];  
    roots(p)
- % d) finds the value of the definite integral of myCubic(x) between -5 and 5.  
    quadl(@myCubic,-5,5)