1.	Find the equation of the tangent line of $f(x) = 2x^2 - 12x + 5$ passing through the point $(2, -11)$.
2.	Find the equation of the tangent line for $f(x) = 5x - \sqrt{x}$ at $x = 4$.
3.	Find the equation of the perpendicular to the tangent line for $f(x) = 5x - \sqrt{x}$ at $x = 4$.
4.	Find the point of tangency between $f(x) = 2x^2 + 6x + 5$ and the tangent line $y = -2x - 3$.
5.	Find the equation of the tangent line of the function $f(x) = x^2 - 8x$ parallel to $4x - 2y = 1$.
6.	Find the equation of the tangent line of the function $f(x) = -3x^2 - 8x$ normal to $2x + y = 1$.
7.	Find k given $f(x) = x^2 + x + k$ is tangent to the line $y = 3x + 4$.
8.	Find the points where the graph of $f(x) = x^3 + 6x^2 + 5$ will have horizontal tangents.