

NameSr.#

- 1)) Find An equation of tangent line to the curve $f(x) = \int_x^{\sqrt{3}} \sqrt{1+t^2} dt$ at the point with x - coordinate $\sqrt{3}$.

2) Evaluate $\int \frac{\tan x}{\sec x(\sec x - \cos x)} dx$

3) Evaluate $\int_{-1}^2 x^2 \sqrt{x+2} \, dx$