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Latex Practice Sheet

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Hello everyone, today we are going to practice latex as it will help us not only in CS102 but also in MTH1022 as we have a assignment where we have to submit a write up based on differential eqn.

LaTeX

$$a^2 + b^2 = c^2$$

$$\frac{\partial^2}{\partial x^2} + \frac{\partial y}{\partial x^2} + \frac{\partial}{\partial x}$$

$$\nabla \cdot \vec{E} = \frac{\rho}{\epsilon_0} \tag{1}$$

Gauss's Law

$$\nabla \cdot B = 0 \qquad\qquad Gauss'sLawforMagnetism \tag{2}$$

$$\nabla \times E = -\frac{\partial B}{\partial t} \qquad Faraday'sLawofInduction \tag{3}$$

$$\nabla \times B = \mu_0(\epsilon\frac{\partial E}{\partial t} + J) \qquad Ampere'sCircuitalLaw \tag{4}$$

Latex gives the user *good control* over the *formatting* of documents.

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*TeXworks