

Latex demo

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1 Table

Table 1: Education details

Course	YOP	School/College	Marks		
			Obtained	Max	Percentage
SSC	2008	ABC School.	479	600	82
Inter	2011	PQR Jr. College	877	1000	87.7
IMSc	-	UoH	7.7	10	77

Table 2: Time Table

Time table			
Day	9 AM - 10 AM	10 AM - 11 AM	11 AM - 12 AM
Monday	CS 201	CS 202	CS 203
Tuesday	CS 202		CS 201
Wednesday	Seminar		

2 Equation Demo

$$\left| \sum_{i=0}^n a_i \right| \leq \left(\sum_{i=0}^n a_i \right)^2$$
$$\left[\begin{array}{c|cc} p & q & b \\ r & s & \\ \hline & c & d \end{array} \right]$$

$$\left| \sum_{i=1}^n a_i b_i \right| \leq \left(\sum_{i=1}^n a_i^2 \right)^{1/2} \left(\sum_{i=1}^n b_i^2 \right)^{1/2}$$

$$f(x) = \begin{cases} \begin{vmatrix} x-1 & x-2 \\ x-3 & x-4 \end{vmatrix} & \text{if } x \geq 4; \\ -x & \text{if } x < 4. \end{cases}$$

$$\frac{\sum_{k=0}^n z^k}{\prod_{k=1}^n (n^{11} + k)} \quad \text{OR} \quad \frac{-b \pm \sqrt{b^2 - 4 \times a \times c}}{2 \times a}$$