Hello,World

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Einstein's $E = mc^2$.

$$E = mc^2$$

$$E = mc^2 (1)$$

$$C^{n}$$

$$z = r \cdot e^{2\pi i}.$$

$$\sqrt{x}$$
, $\frac{1}{2}$.

$$\sqrt{x^2 + y^2},$$

$$\frac{1}{2}.$$

$$\frac{1}{2}$$
.

$$\frac{1}{2}$$

$$\frac{1}{2}$$

$$\pm \times \div \cdot \cap \cup \geq \leq \neq \approx \equiv$$

$$\sum \prod \lim \int$$

$$\sum_{i=1}^{n} i \quad \prod_{i=1}^{n} \sum_{i=1}^{n} i \quad \prod_{i=1}^{n}$$

$$\lim_{x \to 0} x^2 \quad \int_a^b x^2 dx$$

$$\lim_{x \to 0} x^{2} \int_{a}^{b} x^{2} dx$$

$$\iiint \iiint \iiint \int \dots \int \left(\left(\left(\left((x) \right) \right) \right) \right)$$

$$\left[\left[\left[\left[\left[x \right] \right] \right] \right] \right]$$

$$\left\{ \left\{ \left\{ \left\{ \left\{ x \right\} \right\} \right\} \right\} \right\}$$

$$\left\langle \left\langle \left\langle \left\langle \left\langle x \right\rangle \right\rangle \right\rangle \right\rangle$$

$$\left| \left| \left| \left| \left| x \right| \right| \right| \right| \right|$$

$$\left| \left| \left| \left| \left| \left| x \right| \right| \right| \right| \right| \right|$$

$$\begin{pmatrix} a & b \\ c & d \end{pmatrix} \quad \begin{bmatrix} a & b \\ c & d \end{bmatrix} \quad \begin{cases} a & b \\ c & d \end{cases} \quad \begin{vmatrix} a & b \\ c & d \end{vmatrix} \quad \begin{vmatrix} a & b \\ c & d \end{vmatrix}$$

 $x_1, x_2, \ldots, x_n \quad 1, 2, \cdots, n \quad \vdots \quad \ddots$

Marry has a little matrix $\begin{pmatrix} a & b \\ c & d \end{pmatrix}$

$$x=a+b+c+$$

$$d+e+f+g \quad (2)$$

$$x=a+b+c+$$

$$d+e+f+g$$

$$a = b + c + d \tag{3}$$

$$x = y + z \tag{4}$$

$$a = b + c + d \tag{5}$$

$$x = y + z \tag{6}$$

$$y = \begin{cases} -x, & x \le 0 \\ x, & x > 0 \end{cases}$$