

Hello! How are you?

This is a new paragraph.

This is bold. *This is italic.* This is plain text.

Here's something in paragraph mode: 4+2x. Here it is in math mode: $4+2x$.

$$1+2+\dots+10=55$$

$$x_i^{10}$$

$$\sum_{i=1}^n i = 1+2+\dots+n = \frac{n(n+1)}{2}$$

$$\sum_{i=1}^n i = 1+2+\dots+n = \frac{n(n+1)}{2}$$

$$\forall x > 0. \exists y < 0. x+y=0$$

$$x \geq y \leq z$$

$$\begin{array}{ccc} 1 & 2 & 3 \\ 4 & 5 & 6 \\ & 11 & 13 \end{array}$$

$$\begin{aligned} (2x+3)(x^2-x) &= 2x(x^2)+3(x^2)-2x(x)-3(x) \\ &= 2x^3+3x^2-2x^2-3x \\ &= 2x^3+x^2-3x \end{aligned}$$

$$x^2+3x+5 \text{ is } O(x^2)$$