Hello World

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Introduction

1. Let's begin with a **formula**: $e^{i\pi} + 1 = 0$
2. *But we can also do*

$$\lim_{n\to+\infty}\left(1+\frac{1}{n}\right)^n = \lim_{n\to+\infty}\frac{n}{\sqrt[n]{n!}} = \lim_{x\to 0}\left(1+\frac{1}{x}\right)^x = e$$

3. We can do another:

$$e = \sum_{n=0}^{+\infty}\frac{1}{n!} \tag{1}$$

$$\text{Like and subscribe} = \lim_{n\to+\infty}\left(1+\frac{1}{n}\right)^n \tag{2}$$

More formula

$$\int_a^{+\infty} f(x)dx$$

$$\iint_a^b$$

$$\vec{v} =< v_1, v_2 >$$

$$\begin{bmatrix} 1 & 2 & 3 \\ 4 & 5 & x \end{bmatrix}$$

$$\begin{bmatrix} 1 & 2 & 3 & 4 \\ 5 & x & y & z \end{bmatrix}$$

$$\int_{-\infty}^{+\infty} \sin x dx$$

Define π value:

$$\pi = 3.1415$$

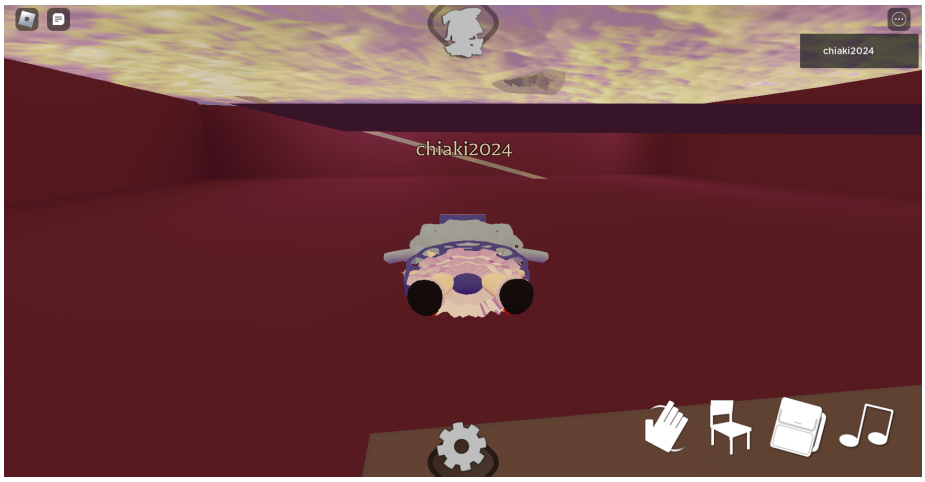


Figure 1: A cute cat.

Otherwise, we can define:

$$e = 2.71 \tag{3}$$

$$\pi = 3.14 \tag{4}$$

Matrix 4 is cool!!!!

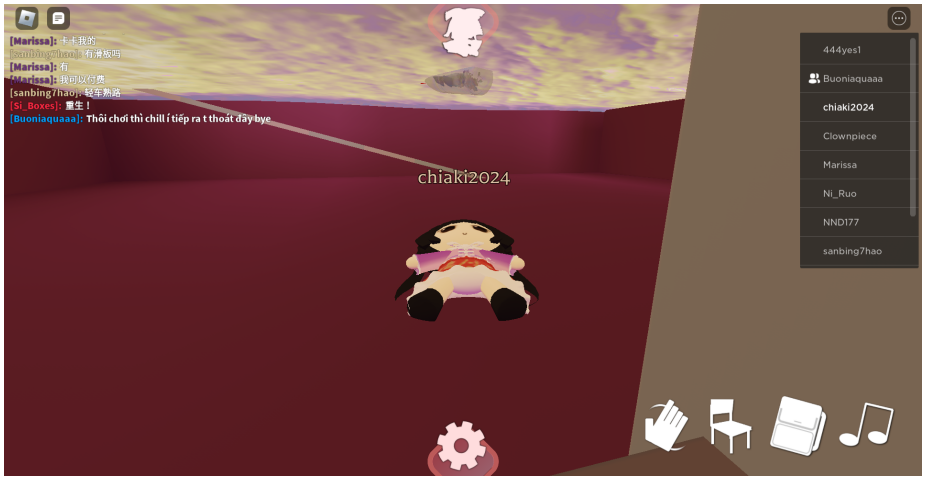


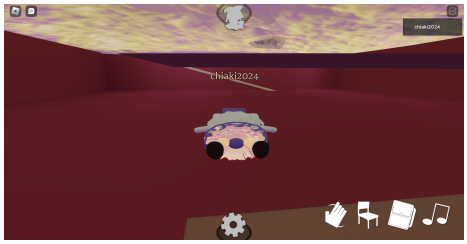
Figure 2: A cute pantsu

$$\begin{aligned} S_n &= \lim_{n \to +\infty} \sum_{n=1}^{+\infty} \frac{1}{n} \\ &= +\infty \end{aligned} \tag{5}$$

Table 1: A nifty table

1	2
3a	4b

1 More Trick



Theorem 1.1 (Youtube)**.** *We should like and subscribe*

Proof. Check out Visual Studio Code please □

Theorem 1.2. *You should ring the notification too*

Proof. I don't think so □

Real numbers symbol: $\mathbb{R}$
Real number: $\mathbb{R}$
I can create a matrix: $\begin{bmatrix} 1 \\ 2 \end{bmatrix}$