

OSLab Homework 9

December 26, 2020

1 Text section

here is a sample text, as the first part of the homework.
we're gonna have 4 more sections for an image, a table, formulas, and a programming code.

LETS GET STARTED!!

2 Image section

here's an image of a fox:



3 Table section

here's a simple table:

1	2	3	4
one	two	three	four
first	second	third	forth

4 Formula section

here are some formulas:

(they don't make any sense though)

$$(\alpha + \beta)^2 = \frac{(\sum_{n=1}^{\infty} 2^{-n})^{\sigma}}{(\lim_{\mu \rightarrow \infty} f(x) \times f(y))}$$

$$A = \frac{\pi a^2}{2} = \sin^2(\alpha) + \cos^4(\alpha)$$

$$\iint_A N(a,b) \, da \, db$$

5 Code Section

now let's see how we can have a few lines of code:

```
#include <iostream>
using namespace std;
int main()
{
    int divisor, dividend, quotient, remainder;
    cout << "Enter dividend: ";
    cin >> dividend;
    cout << "Enter divisor: ";
    cin >> divisor;
    quotient = dividend / divisor;
    remainder = dividend % divisor;
    cout << "Quotient=" << quotient << endl;
    cout << "Remainder=" << remainder;
    return 0;
}
```