Homework 9

December 30, 2020

1   Text

Read a book and show its beauty in your behavior
Culture becomes just as strong.
If you do not, you are falling.

2   Table

some suggested books:

	Name	Author	Genre
1	Sophie's World	Jostein Gaarder	Philosophical novel
2	One Hundred Years of Solitude	Gabriel García Márquez	Magic realism
3	Blindness	José Saramago	Apocalyptic fiction

3   Formulas

$$(a^b)^{c+d} = a^{bc+bc}$$

$$\binom{n}{k} = \frac{n!}{k!(n-k)!}$$

4 Code

(Fibonacci)

```cpp
#include<iostream>

using namespace std;

void ShowFibNth(long int firstNum, long int secondNum)
{
        if (secondNum - firstNum != 0)
        {
                cout << firstNum << endl;
                ShowFibNth(secondNum - firstNum, firstNum);
        }
        else
                cout << firstNum;
}

int main()
{
        long int firstNum, secondNum;
        cin >> firstNum >> secondNum;
        ShowFibNth(firstNum, secondNum);
        system("pause>n");
}
```

5 Image

photoes of the three books mentioned: