

Homework 9

December 30, 2020

1 Text

Read a book and show its beauties in your behavior
In this way You make culture 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

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

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

4 Code

(Fibonacci)

```
#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

photos of the three mentioned books:

