Exercise 2: Fibonacci Sequence upto n Number Of Terms

In this exercise, you have to compute Fibonacci series up to n number

We'll cover the following

Problem Statement

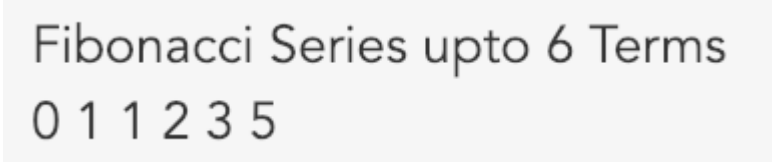
In this exercise, you have to write Fibonacci Sequence of a given `number`.

- You have to print the sequence up to the given `range` which is passed as a *parameter* to the `test` function.
- Your code should **return** the **string** variable `ans` which will have all the **Fibonacci values** computed upto the given `range` appended in that string.
  - Here's a link showing how you can add values to a **string**.

Example

If the value of `range` is **6**.

Then `ans` should have the following stored in it at the end of the function:



Expected Output

`cout` the output above in the console as well.

> **Note** Just like it is shown in the picture above, the values in the **string** should

> have spaces in between them. You can add a space by simply adding quotation marks with space in between them to your string, like this: " ".

Write your code below. It is recommended that you try solving the exercise yourself before viewing the solution.

Good Luck!

```
#include <iostream>
#include <string>
using namespace std;

string test(int range)
{
    string ans = "xyz"; //return the correct string
    cout << "Fibonacci Series upto " << range << " Terms "<< endl;

    //write your code for genersting fibonacci sequence here
    //Hint: Use the concepts from this chapter like loops and if-else statements

    return ans;
}
```