

```

public class FibonacciSeries {
    public Integer n { get; set; } // Number of terms
    public String result { get; set; } // Output result string

    public void generate() {
        if (n == null || n <= 0) {
            result = 'Please enter a number greater than 0.';
            return;
        }

        List<Integer> series = new List<Integer>();
        Integer a = 0, b = 1;

        series.add(a);
        if (n > 1) {
            series.add(b);
        }

        for (Integer i = 2; i < n; i++) {
            Integer next = a + b;
            series.add(next);
            a = b;
            b = next;
        }

        List<String> output = new List<String>();
        for (Integer num : series) {
            output.add(String.valueOf(num));
        }

        result = 'Fibonacci Series: ' + String.join(output, ', ');
    }
}

```

```

<apex:page controller="FibonacciSeries">
  <h2>Fibonacci Series Generator</h2>
  <apex:form>
    <apex:pageBlock title="Enter Number of Terms">
      <apex:pageBlockSection columns="1">
        <apex:inputText value="{!n}" label="Number of Terms"/>
        <apex:commandButton value="Generate" action="{!generate}"
rerender="resultPanel"/>
      </apex:pageBlockSection>

      <apex:outputPanel id="resultPanel">
        <apex:outputText value="{!result}" style="font-weight:bold; color:blue;"
rendered="{!NOT(ISNULL(result))}"/>
      </apex:outputPanel>
    </apex:pageBlock>
  </apex:form>
</apex:page>

```

```
String result = FibonacciSeries.generate(10); // Replace 10 with desired number of  
terms  
System.debug(result);
```