

Task 3 Javascript Web Apps Report

Simple Mathematical Calculations

Introduction

There are two mathematical calculations, namely:

- Fibonacci
- Volume Calculation Of Geometric Shapes

Fibonacci

The Fibonacci sequence is a sequence of numbers in which each subsequent number is generated by adding the two preceding numbers in the sequence. The Fibonacci sequence starts with the numbers 0 and 1, and the subsequent numbers are calculated as follows:

- The first number is 0.
- The second number is 1.
- To generate the third and subsequent numbers, you add the two previous numbers. So, the third number is $0 + 1 = 1$.
- The fourth number is $1 + 1 = 2$.
- The fifth number is $1 + 2 = 3$.

So, the Fibonacci sequence would look like this:

0, 1, 1, 2, 3, 5, 8, 13, 21, 34,

But in the program I made it only output one number

Volume Calculation of Geometric Shapes

The term refers to the process of calculating various properties and parameters of three-dimensional objects, such as volume, surface area, edge length, and more. It involves the application of mathematical and geometrical concepts to three-dimensional objects like cubes, rectangular prisms, spheres, cylinders, cones, and various other shapes.

Some common aspects of three-dimensional geometry calculations include:

- Volume
- Surface Area.
- Edge Length
- Diameter, Radius, and Height
- Formulas

Technology used:

- Html
- CSS
- Javascript

Conclusion

So this mathematical calculation can help you to calculate the Fibonacci Series and also the Volume Calculation of Geometric Shapes making it easier to know the calculations that involve lots of series and volume calculations.

Link GitHub : <https://github.com/Wiswanath/TEKWEB/tree/WEB/>

Preview : <https://wiswanath.github.io/TEKWEB/>