<!DOCTYPE html>

<html>

<head>

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="style.css" type="text/css">

<script type="text/javascript" src="script.js"></script>

<title>Home</title>

</head>

<body>

<header class="grid-header" onload="setDate()">

<div class="item1 logo"><img src="./materials/header1.png"></div>

<div align="right" class="item4 cub"><img src="./materials/header2.png"></div>

</header>

<div class="item1">

<h3 align="center" id="welcome"><p class="date"></p</h3>

</div>

<div class="container">

<!--navigationBar Column-->

<nav class="row navbar navbar-inverse">

<div class="container-fluid">

<ul class="col-6 nav navbar-nav">

<li class="active"><a href="#">Home</a></li>

<li><a href="#">Categories</a>

<!-- dropdown menu -->

<ul class="dropdown nav nav-tabs">

<li><a href="./number-theory/theory-one.html" target="\_blank">Number Theory</a></li>

<li><a href="./algorithms/binary-search.html" target="\_blank">Simple Algorithms</a></li>

<li><a href="./games/whack\_a\_mole.html" target="\_blank">Games</a></li>

<li><a href="#" target="\_blank">Poems</a></li>

<li><a href="#" target="\_blank">Calculators and Accessories</a></li>

<li><a href="#" target="\_blank">Life Hacks</a></li>

<li><a href="#" target="\_blank">Jokes</a></li>

<li><a href="#" target="\_blank">Nerds' Corner</a></li>

</ul>

</li>

<li><a href="" target="\_blank">About Us</a></li>

<li><a href="#">Contact Us</a></li>

</ul>

<div class="col-6 search">

<input class="searchbox" name="searchbox" id="searchbox" type="text" placeholder="Search Tapestry" />

<button type="submit" class="searchbutton"><span class="glyphicon glyphicon-search"></span></button>

</div>

</div>

</nav><!-- end navigationBar-->

<!-- mainColumn-->

<div class="main" align="center">

<h3 align="center" class="">Welcome To Cub Tapestry</h3>

<div class="content"> Cub Tapestry is built on HTML, Boostrap, jQuery and React from scratch. It is a site containing varieties of topics ranging from computational number theories and games to poems and jokes. The purpose of the site is to; practice/implement everything I have learned in web development and to keep improving on them while the learning continues. Aspiring web developers can learn a lot by studying the source codes via the links provided. Children can as well explore and have fun on Cub Tapestry with the following topics; games, poems jokes e.t.c by interacting as an end-user.

I have made the site as simple as possible yet with full functionalities and features. Below are the breakdown of topics and pages in Cub Tapestry:

1. NUMBER THEORY

A branch of pure mathematics devoted primarily to the study of the integers and integer-valued functions.

* Even and Odd Number
* Prime Number and Prime Factor
* Divisibility of Integers
* Cryptography(Simple Encryption/Decryption)
* Composite Number
* Sieve Methods
* HCF and LCM
* Parity
* Factorial
* Twin Prime, Cousin Prime & Sexy Prime
* Recurring Decimal
* Series and Sequence

1. SIMPLE ALGORITHMS

An algorithm is a finite step-by-step well defined sequence of instructions or activities that constitute a process of getting the desired outputs from the given inputs. The raw material(s) needed at the beginning is referred to as input while the rusting entity is referred as output. A search engine uses algorithms. Below is a list of algorithms implemented in this section:

* Count Vowels/Consonants in a String
* Count Words in a String
* Eucludean Algorithm
* Brenford’s Law
* Binary Search
* Sorting Algorithm

1. CALCULATORS AND ACCESSORIES

* Simple Calculator
* BMI Calculator
* Digital Clock
* Stop Watch
* Countdown Timer
* Alarm Clock
* Budget Management
* To-Do List

1. GAMES
2. POEMS

* Not
* He’s A Real Real Dude

1. JOKES

* How To Be A Nerd

1. NERDS’ CORNER

* Who Are You?

1. LIFE HACKS

* First Principle

</div>

</body>

</html>