Technology Camp Day 1

Welcome To Technology Camp

Today we will begin our Grand Adventure.

Our hope is that you will do the following:
Be eager to learn
Have Fun

Who can tell me, What is a computer keyboard?

Computer Keyboard

A computer keyboard is a typewriter-style device which uses an arrangement of buttons or keys to act as mechanical levers or electronic switches.

Keyboard keys (buttons) typically have characters engraved or printed on them, and each press of a key typically corresponds to a single written symbol. However, producing some symbols may require pressing and holding several keys simultaneously or in sequence. While most keyboard keys produce letters, numbers or signs (characters), other keys or simultaneous key presses can produce actions or execute computer commands.

In normal usage, the keyboard is used as a **text entry interface** for typing text and numbers into a word processor, text editor or any other program. In a modern computer, the interpretation of key presses is generally left to the software. A computer keyboard distinguishes each physical key from every other key and reports all key presses to the controlling software. Keyboards are also

used for computer gaming — either regular keyboards or keyboards with special gaming features, which can expedite frequently used keystroke combinations.

Why is the keyboard design with the keys in the positions: QWERTY?

There are several keyboard layouts. The 2 main are QWERTY and Dvorak Simplified Keyboard(DSK); with QWERTY being most popular.

The Standard Keyboard is QWERTY, which is a standard from the IBM Type Writers.

Using the On Line Resource Typing club

www.trinityhomeschool.typingclub.com

Once you log in,
I want each student to do an exercise,
To start with.
A simple typing test, only two sentences.
This will create a base line or beginning point
of your typing skill.

Next we will do some of the typing exercises in the typing jungle.

Editor:
We will be using Brackets.
IDE…
Integrated Development Environment

To Download:
Open your browser, enter this URL -
Brackets.io

Next we will learn how to get DOWNLOADS…

www.Alton4Chess.com

Click on [Technology Camp 2021]
Scroll to the bottom
Click the button

--> From File Explorer

<This Computer>
Expand -
C:
{Add New Folder}
Technology_Camp

(Next add a sub folder)

C:\Technology_Camp\Day_1

This is the location of where you want to
Extract the download for each day…

-> Windows Explorer Class Demo

```
<!DOCTYPE html>
<html>

<head>
  <meta charset="utf-8">
  <title>HTML Review 1</title>
</head>

<!--    this is an HTML Comment: information for the Web Site Designer -->
```

```
<body>

   <h1> My Name is (Your Name) </h1>
   <h1> I live in tampa Florida </h1>
   <h1> This is my first Web Page </h1>
<br>
<br>
   <h2> HTML tag:   review </h2>

<br>
<br>

<br>  <!-- <br>  tag is a line Break  -->

<p>  ( )  is for paragraph. </p>
<h1> ( )  is for Largest Headding  </h1>
<h2> ( ) - ( ) is for smaller headdings  </h2>
<br>
<br>
<h2>  HTML Tags are important:  </h2>


<br>
<h3> (  ) tag is for line break </h3>
<br>
<h2>   (  ) is for a horizontal line </h2>

<hr>

<br>

</body>
</html>
```

After Lunch Break

Introduction to Computer Programming with Game Development

JavaScript

JavaScript is the world's most popular programming language.

JavaScript is the programming language of the Web.

JavaScript is easy to learn.

Why Study JavaScript?

JavaScript is one of the **3 languages** all web developers **must** learn:

1. **HTML** to define the content of web pages

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2. **CSS** to specify the layout of web pages

3. **JavaScript** to program the behavior of web pages

This is only an introduction, and we will
Learn from examples.

Demo -
JS_Canval_1.html