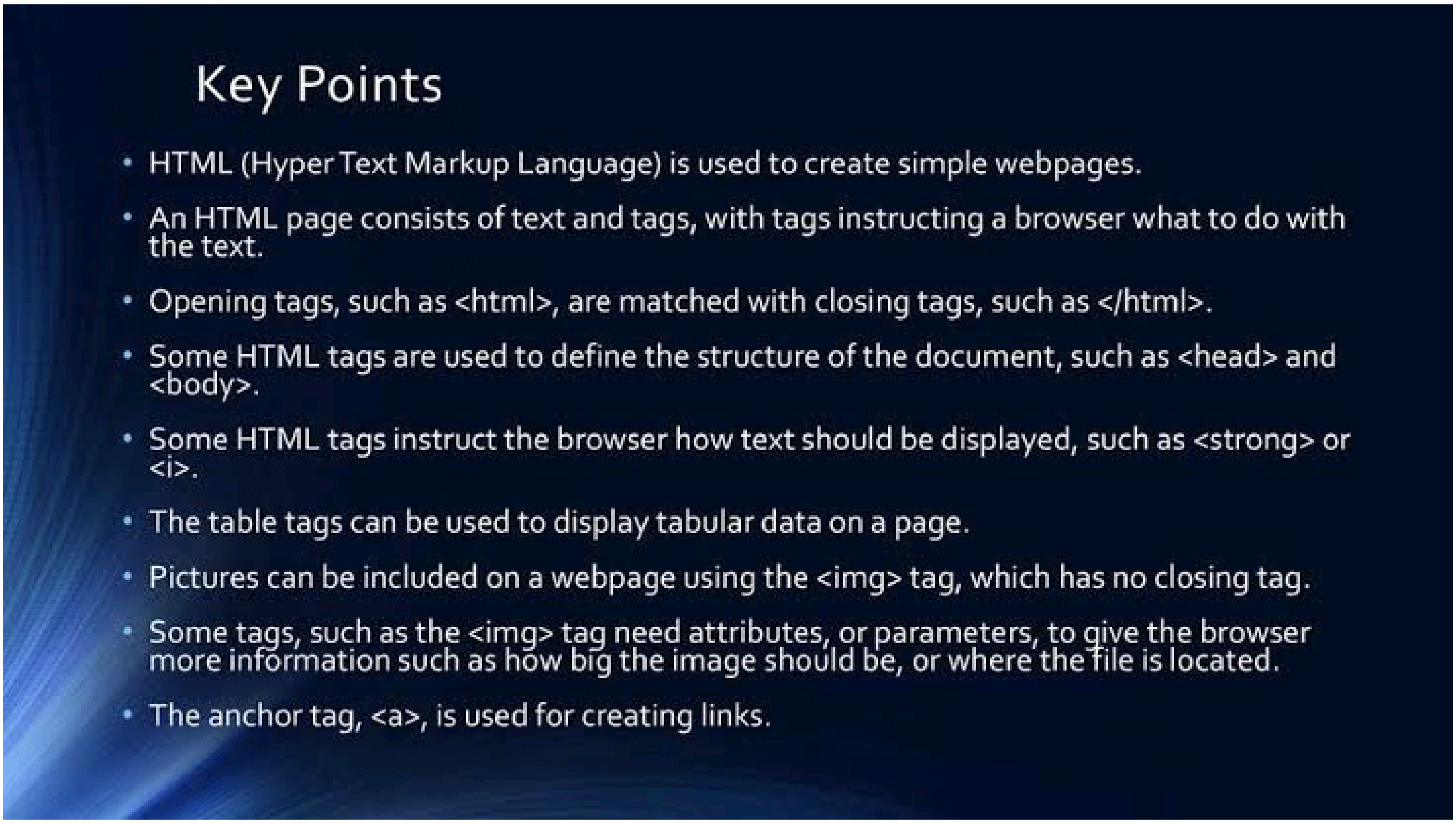
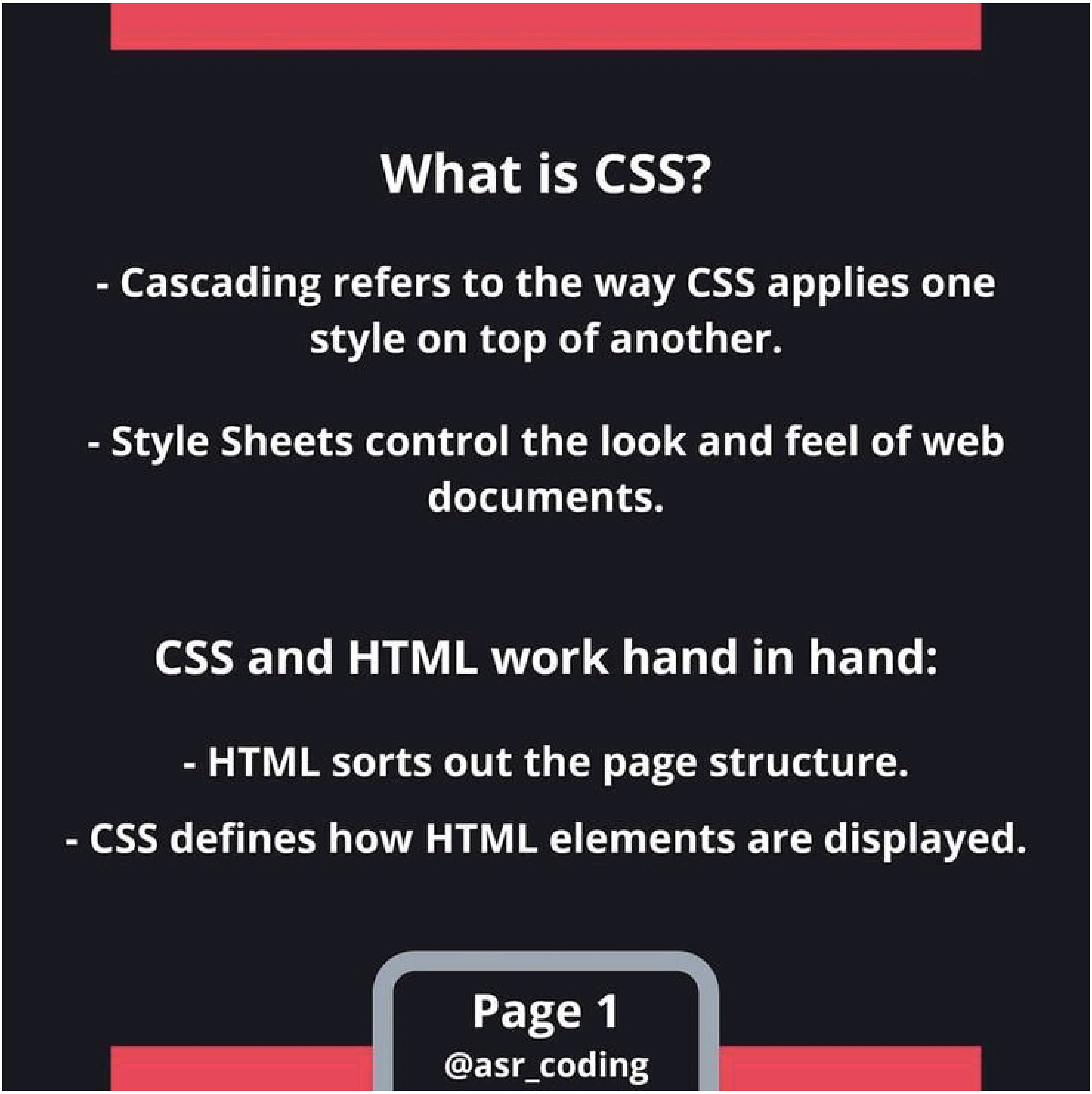


Key Points

- HTML (Hyper Text Markup Language) is used to create simple webpages.
- An HTML page consists of text and tags, with tags instructing a browser what to do with the text.
- Opening tags, such as <html>, are matched with closing tags, such as </html>.
- Some HTML tags are used to define the structure of the document, such as <head> and <body>.
- Some HTML tags instruct the browser how text should be displayed, such as <strong> or <i>.
- The table tags can be used to display tabular data on a page.
- Pictures can be included on a webpage using the <img> tag, which has no closing tag.
- Some tags, such as the <img> tag need attributes, or parameters, to give the browser more information such as how big the image should be, or where the file is located.
- The anchor tag, <a>, is used for creating links.



What is CSS?

- Cascading refers to the way CSS applies one style on top of another.

- Style Sheets control the look and feel of web documents.

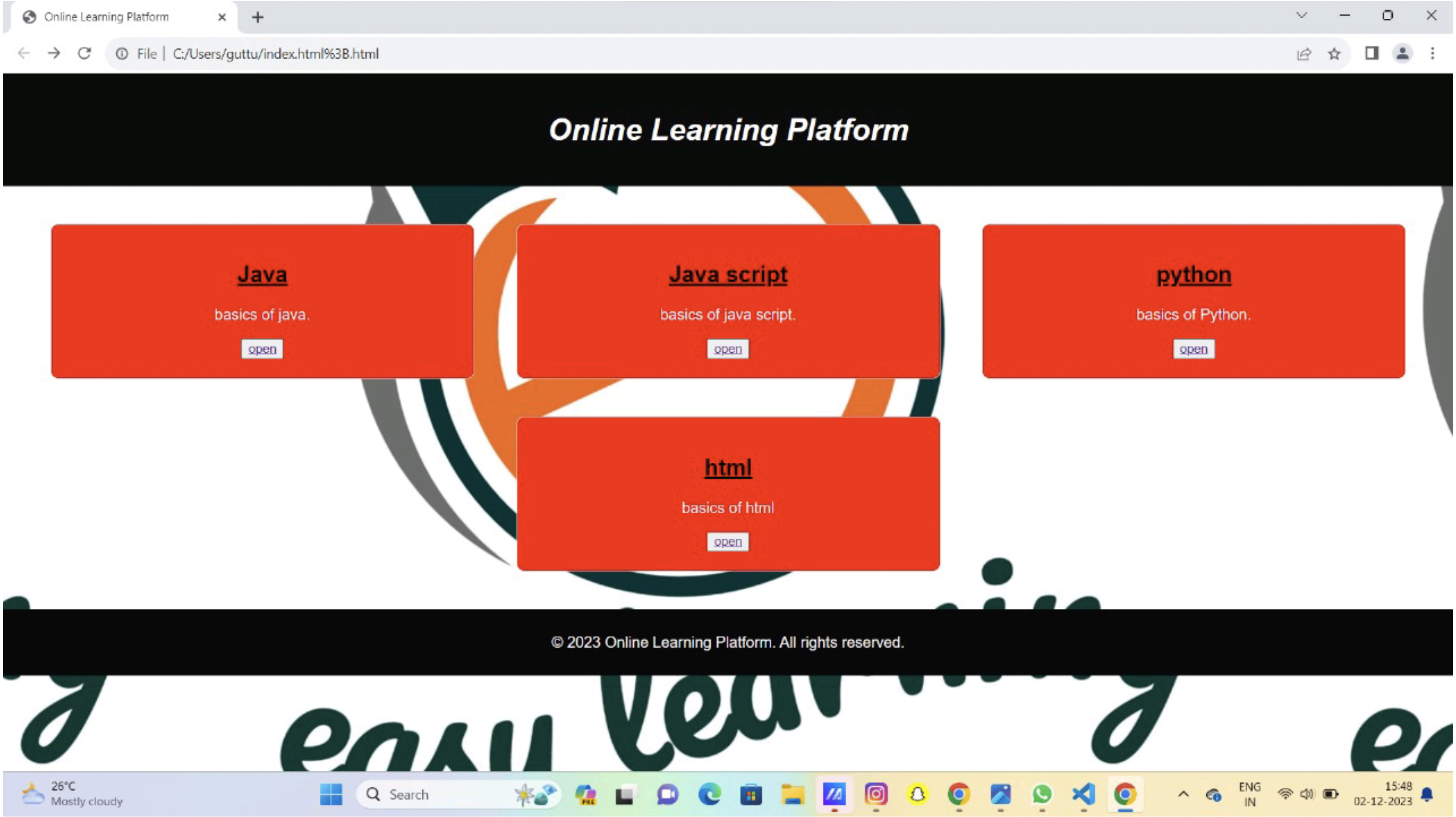
CSS and HTML work hand in hand:

- HTML sorts out the page structure.

- CSS defines how HTML elements are displayed.

Page 1

@asr_coding



Online Learning Platform

Java

basics of java.

open

Java script

basics of java script.

open

python

basics of Python.

open

html

basics of html

open

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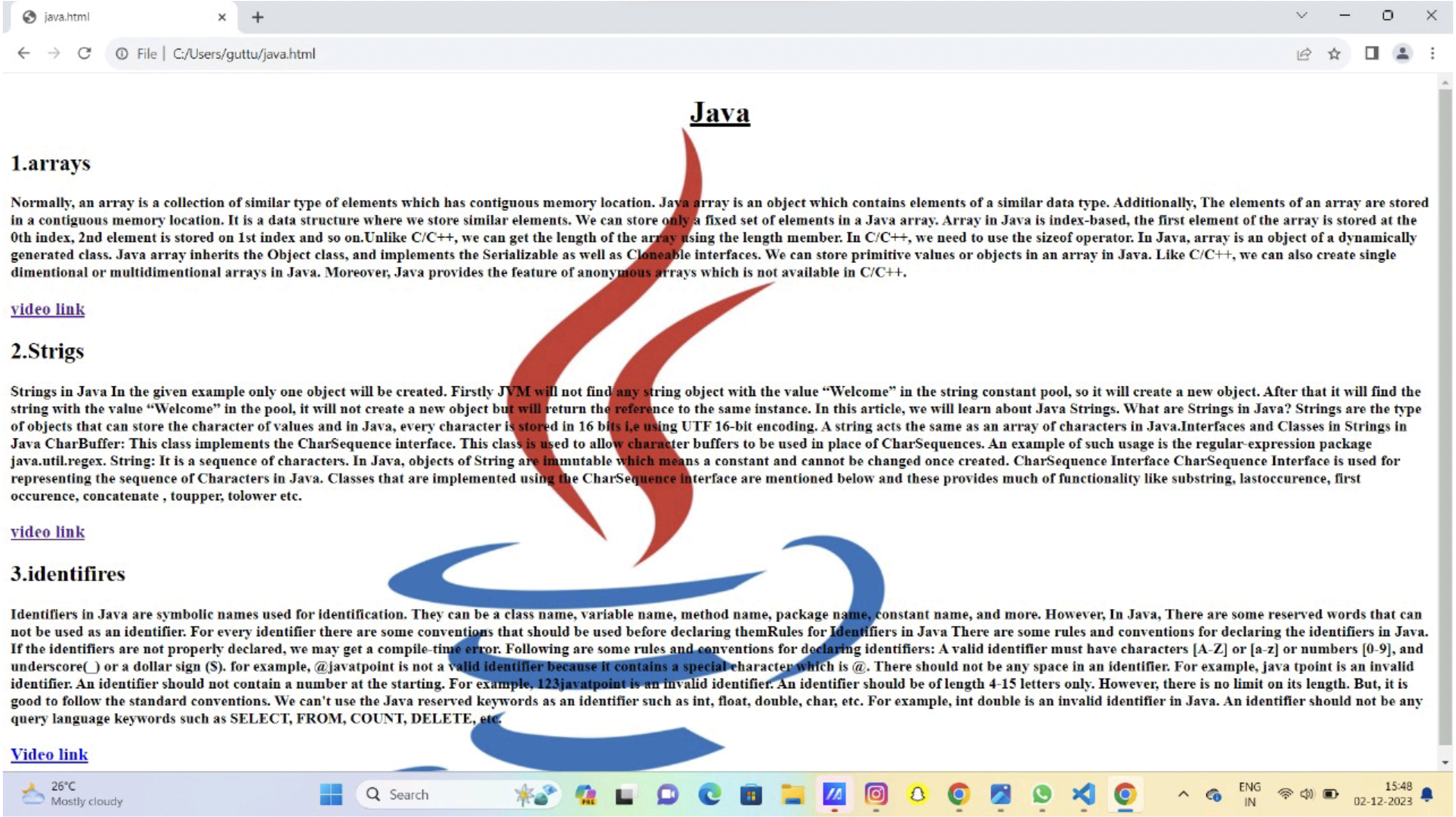


Java

1.arrays

Normally, an array is a collection of similar type of elements which has contiguous memory location. Java array is an object which contains elements of a similar data type. Additionally, The elements of an array are stored in a contiguous memory location. It is a data structure where we store similar elements. We can store only a fixed set of elements in a Java array. Array in Java is index-based, the first element of the array is stored at the 0th index, 2nd element is stored on 1st index and so on.Unlike C/C++, we can get the length of the array using the length member. In C/C++, we need to use the sizeof operator. In Java, array is an object of a dynamically generated class. Java array inherits the Object class, and implements the Serializable as well as Cloneable interfaces. We can store primitive values or objects in an array in Java. Like C/C++, we can also create single dimentional or multidimentional arrays in Java. Moreover, Java provides the feature of anonymous arrays which is not available in C/C++.

video link

2.Strigs

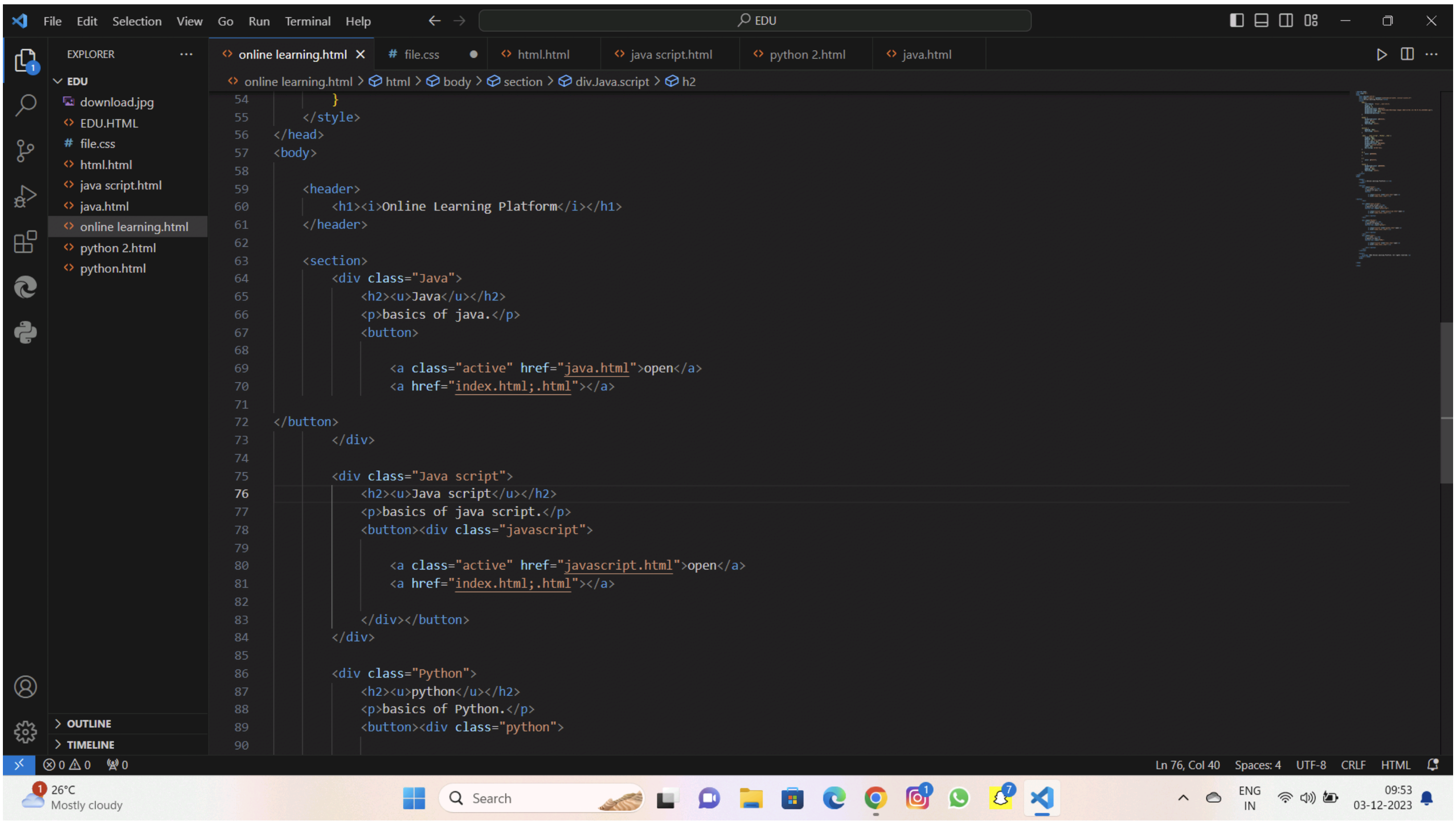
Strings in Java In the given example only one object will be created. Firstly JVM will not find any string object with the value “Welcome” in the string constant pool, so it will create a new object. After that it will find the string with the value “Welcome” in the pool, it will not create a new object but will return the reference to the same instance. In this article, we will learn about Java Strings. What are Strings in Java? Strings are the type of objects that can store the character of values and in Java, every character is stored in 16 bits i,e using UTF 16-bit encoding. A string acts the same as an array of characters in Java.Interfaces and Classes in Strings in Java CharBuffer: This class implements the CharSequence interface. This class is used to allow character buffers to be used in place of CharSequences. An example of such usage is the regular-expression package java.util.regex. String: It is a sequence of characters. In Java, objects of String are immutable which means a constant and cannot be changed once created. CharSequence Interface CharSequence Interface is used for representing the sequence of Characters in Java. Classes that are implemented using the CharSequence interface are mentioned below and these provides much of functionality like substring, lastoccurence, first occurence, concatenate , toupper, tolower etc.

video link

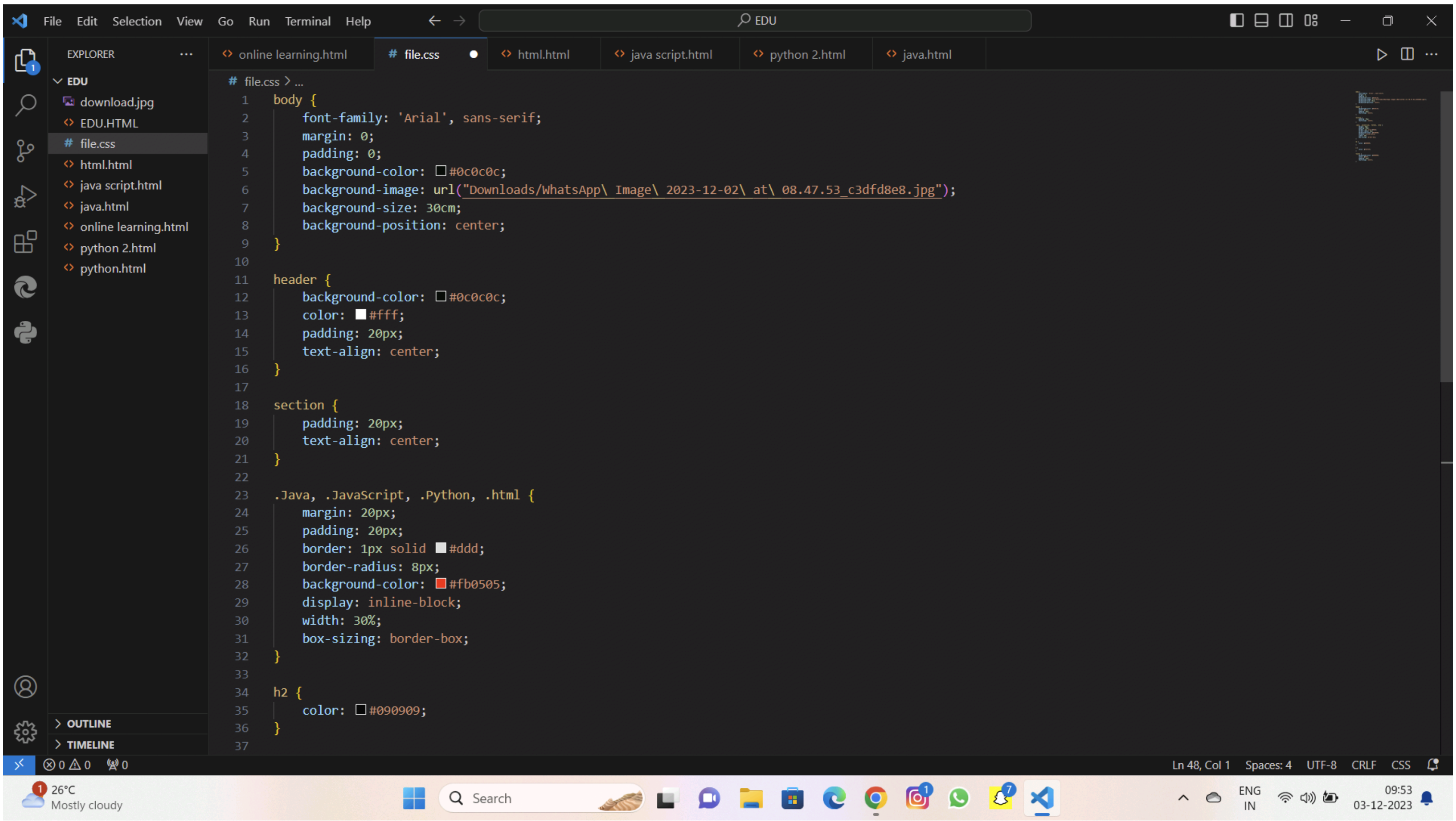
3.identifires

Identifiers in Java are symbolic names used for identification. They can be a class name, variable name, method name, package name, constant name, and more. However, In Java, There are some reserved words that can not be used as an identifier. For every identifier there are some conventions that should be used before declaring themRules for Identifiers in Java There are some rules and conventions for declaring the identifiers in Java. If the identifiers are not properly declared, we may get a compile-time error. Following are some rules and conventions for declaring identifiers: A valid identifier must have characters [A-Z] or [a-z] or numbers [0-9], and underscore(_) or a dollar sign ($). for example, @javatpoint is not a valid identifier because it contains a special character which is @. There should not be any space in an identifier. For example, java tpoint is an invalid identifier. An identifier should not contain a number at the starting. For example, 123javatpoint is an invalid identifier. An identifier should be of length 4-15 letters only. However, there is no limit on its length. But, it is good to follow the standard conventions. We can't use the Java reserved keywords as an identifier such as int, float, double, char, etc. For example, int double is an invalid identifier in Java. An identifier should not be any query language keywords such as SELECT, FROM, COUNT, DELETE, etc.

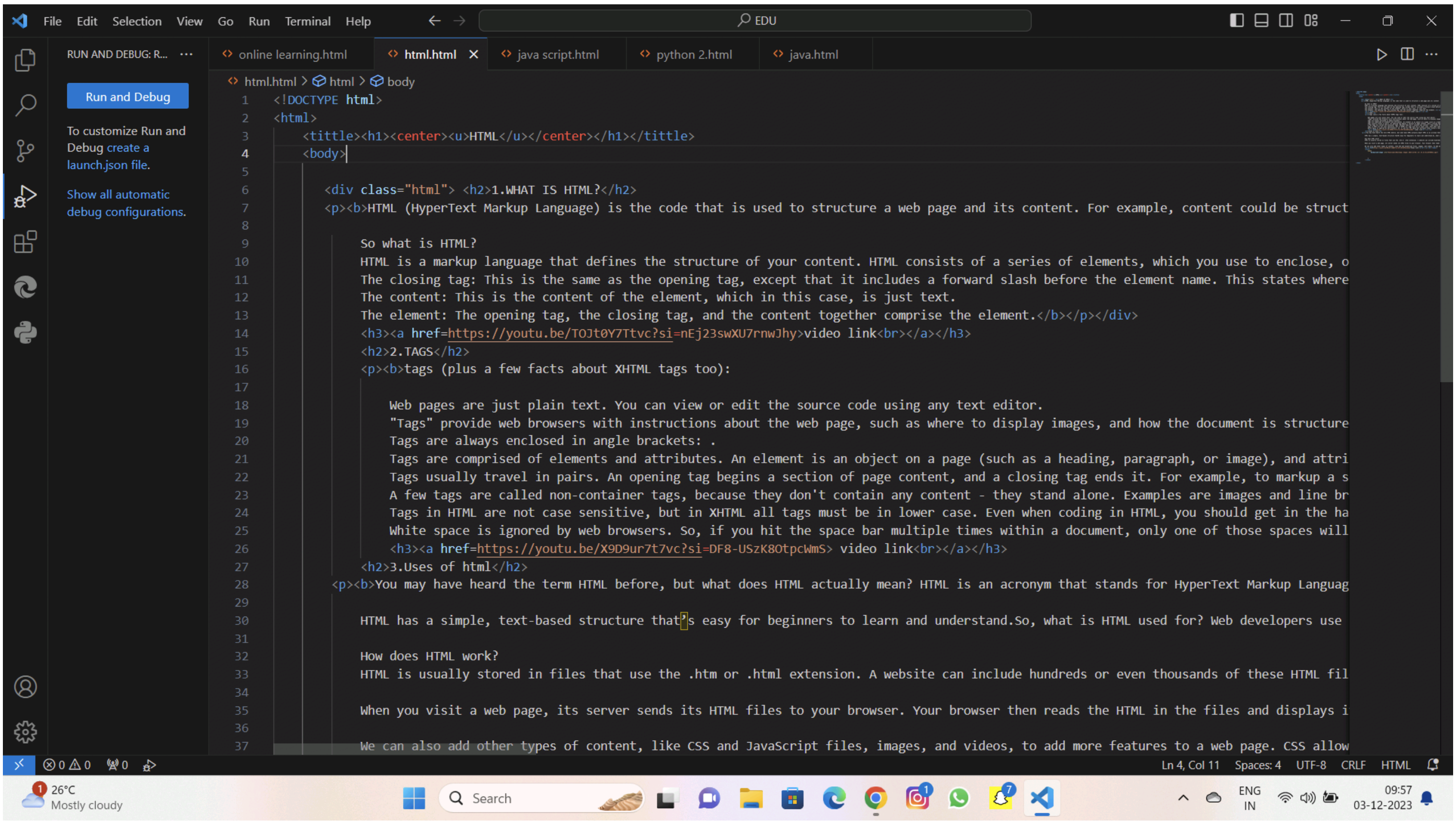
Video link



```
        }
    </style>
</head>
<body>

    <header>
        <h1><i>Online Learning Platform</i></h1>
    </header>

    <section>
        <div class="Java">
            <h2><u>Java</u></h2>
            <p>basics of java.</p>
            <button>

                <a class="active" href="java.html">open</a>
                <a href="index.html;.html"></a>

</button>
        </div>

        <div class="Java script">
            <h2><u>Java script</u></h2>
            <p>basics of java script.</p>
            <button><div class="javascript">

                <a class="active" href="javascript.html">open</a>
                <a href="index.html;.html"></a>

            </div></button>
        </div>

        <div class="Python">
            <h2><u>python</u></h2>
            <p>basics of Python.</p>
            <button><div class="python">

```



```css
body {
    font-family: 'Arial', sans-serif;
    margin: 0;
    padding: 0;
    background-color: #0c0c0c;
    background-image: url("Downloads/WhatsApp\ Image\ 2023-12-02\ at\ 08.47.53_c3dfd8e8.jpg");
    background-size: 30cm;
    background-position: center;
}

header {
    background-color: #0c0c0c;
    color: #fff;
    padding: 20px;
    text-align: center;
}

section {
    padding: 20px;
    text-align: center;
}

.Java, .JavaScript, .Python, .html {
    margin: 20px;
    padding: 20px;
    border: 1px solid #ddd;
    border-radius: 8px;
    background-color: #fb0505;
    display: inline-block;
    width: 30%;
    box-sizing: border-box;
}

h2 {
    color: #090909;
}

```

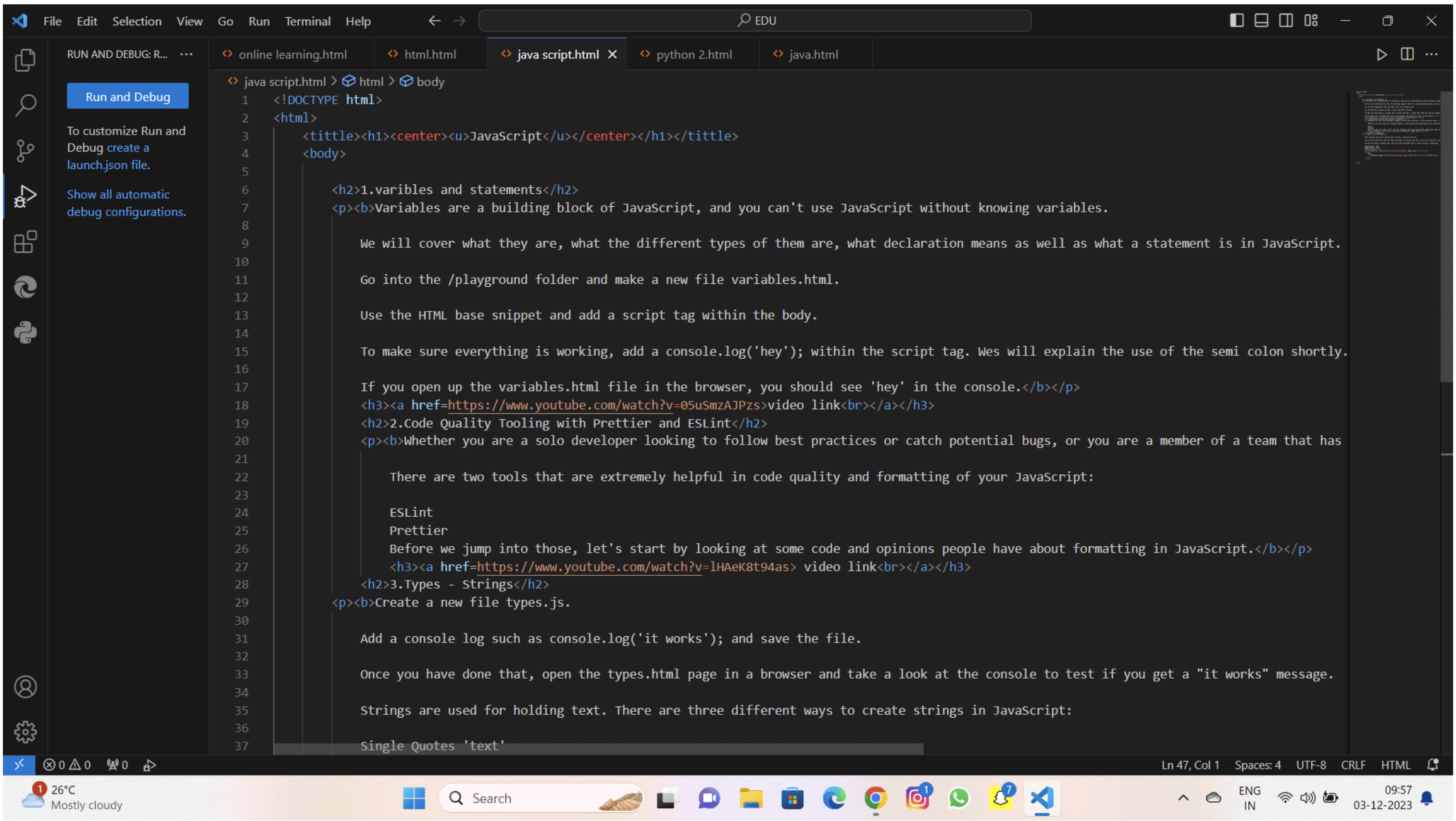


To customize Run and Debug create a launch.json file.

Show all automatic debug configurations.

```
<!DOCTYPE html>
<html>
    <tittle><h1><center><u>HTML</u></center></h1></tittle>
    <body>

       <div class="html"> <h2>1.WHAT IS HTML?</h2>
       <p><b>HTML (HyperText Markup Language) is the code that is used to structure a web page and its content. For example, content could be struct

            So what is HTML?
            HTML is a markup language that defines the structure of your content. HTML consists of a series of elements, which you use to enclose, o
            The closing tag: This is the same as the opening tag, except that it includes a forward slash before the element name. This states where
            The content: This is the content of the element, which in this case, is just text.
            The element: The opening tag, the closing tag, and the content together comprise the element.</b></p></div>
            <h3><a href=https://youtu.be/TOJt0Y7Ttvc?si=nEj23swXU7rnwJhy>video link<br></a></h3>
            <h2>2.TAGS</h2>
            <p><b>tags (plus a few facts about XHTML tags too):

                Web pages are just plain text. You can view or edit the source code using any text editor.
                "Tags" provide web browsers with instructions about the web page, such as where to display images, and how the document is structure
                Tags are always enclosed in angle brackets: .
                Tags are comprised of elements and attributes. An element is an object on a page (such as a heading, paragraph, or image), and attri
                Tags usually travel in pairs. An opening tag begins a section of page content, and a closing tag ends it. For example, to markup a s
                A few tags are called non-container tags, because they don't contain any content - they stand alone. Examples are images and line br
                Tags in HTML are not case sensitive, but in XHTML all tags must be in lower case. Even when coding in HTML, you should get in the ha
                White space is ignored by web browsers. So, if you hit the space bar multiple times within a document, only one of those spaces will
                <h3><a href=https://youtu.be/X9D9ur7t7vc?si=DF8-USzK8OtpcWmS> video link<br></a></h3>
            <h2>3.Uses of html</h2>
        <p><b>You may have heard the term HTML before, but what does HTML actually mean? HTML is an acronym that stands for HyperText Markup Languag

            HTML has a simple, text-based structure that’s easy for beginners to learn and understand.So, what is HTML used for? Web developers use

            How does HTML work?
            HTML is usually stored in files that use the .htm or .html extension. A website can include hundreds or even thousands of these HTML fil

            When you visit a web page, its server sends its HTML files to your browser. Your browser then reads the HTML in the files and displays i

            We can also add other types of content, like CSS and JavaScript files, images, and videos, to add more features to a web page. CSS allow
```

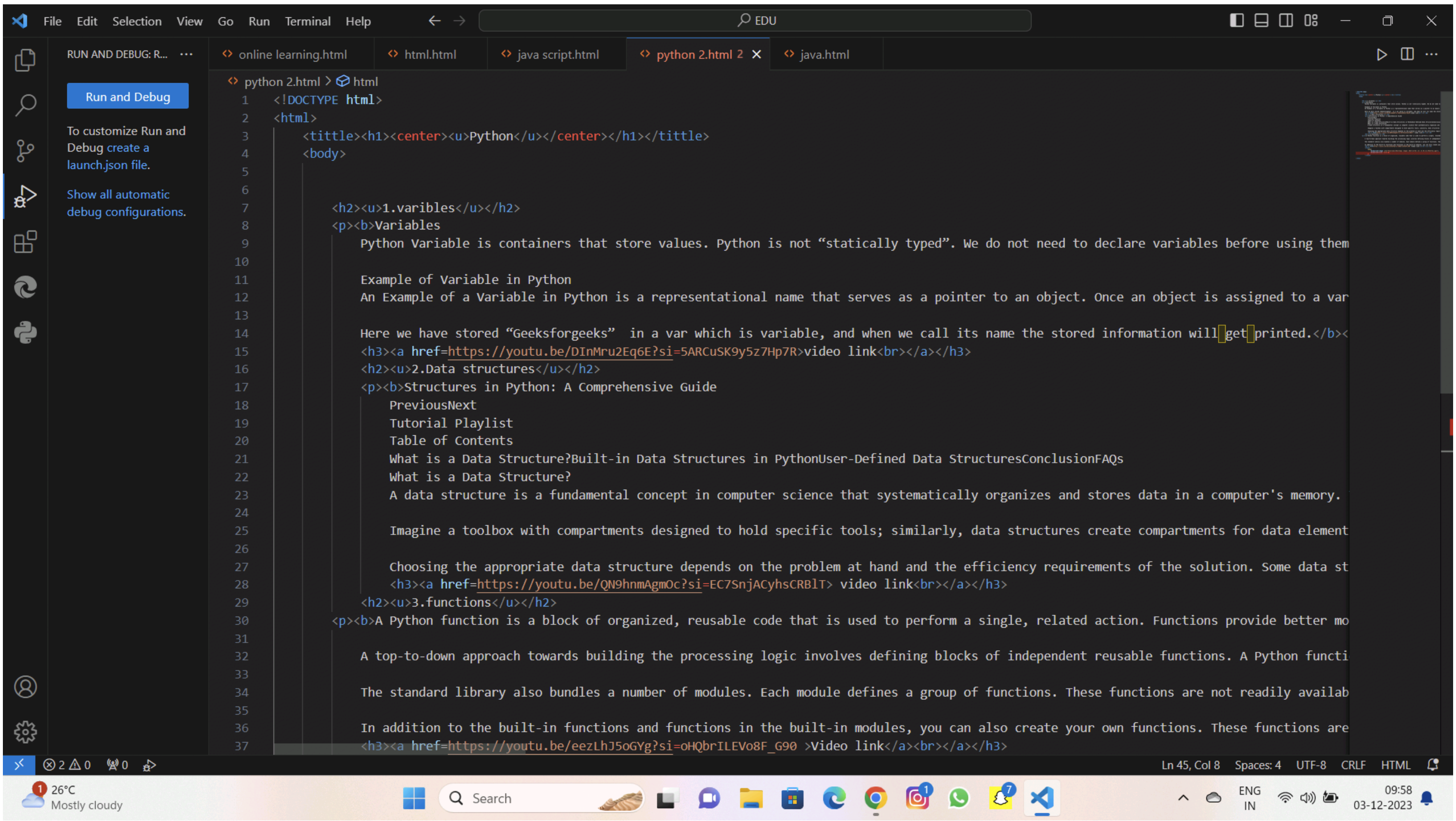
Ln 4, Col 11 Spaces: 4 UTF-8 CRLF HTML



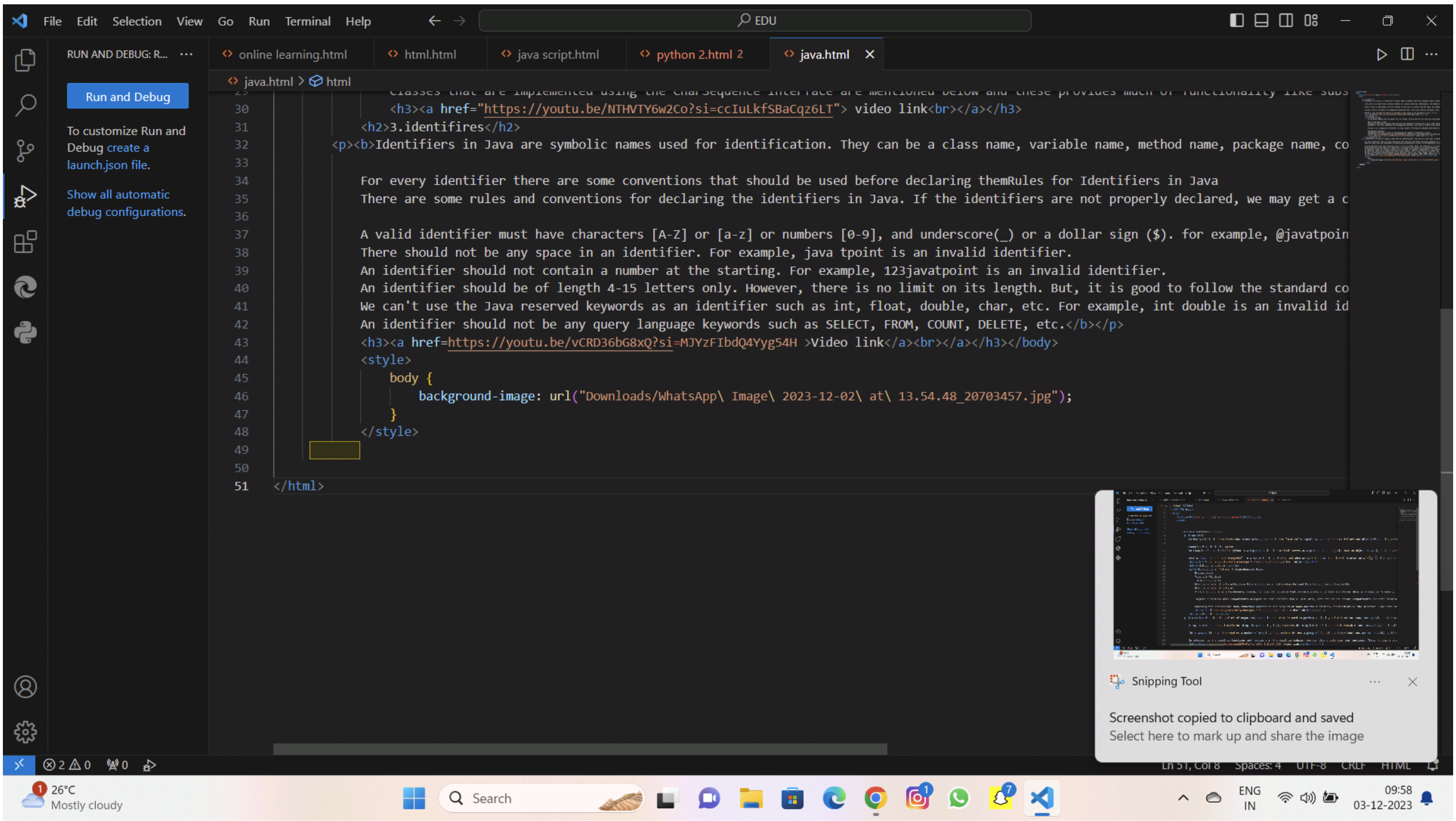
To customize Run and Debug create a launch.json file.

Show all automatic debug configurations.

```
<!DOCTYPE html>
<html>
    <tittle><h1><center><u>JavaScript</u></center></h1></tittle>
    <body>

        <h2>1.varibles and statements</h2>
        <p><b>Variables are a building block of JavaScript, and you can't use JavaScript without knowing variables.

            We will cover what they are, what the different types of them are, what declaration means as well as what a statement is in JavaScript.

            Go into the /playground folder and make a new file variables.html.

            Use the HTML base snippet and add a script tag within the body.

            To make sure everything is working, add a console.log('hey'); within the script tag. Wes will explain the use of the semi colon shortly.

            If you open up the variables.html file in the browser, you should see 'hey' in the console.</b></p>
            <h3><a href=https://www.youtube.com/watch?v=05uSmzAJPzs>video link<br></a></h3>
            <h2>2.Code Quality Tooling with Prettier and ESLint</h2>
            <p><b>Whether you are a solo developer looking to follow best practices or catch potential bugs, or you are a member of a team that has

                There are two tools that are extremely helpful in code quality and formatting of your JavaScript:

                ESLint
                Prettier
                Before we jump into those, let's start by looking at some code and opinions people have about formatting in JavaScript.</b></p>
                <h3><a href=https://www.youtube.com/watch?v=lHAeK8t94as> video link<br></a></h3>
            <h2>3.Types - Strings</h2>
        <p><b>Create a new file types.js.

            Add a console log such as console.log('it works'); and save the file.

            Once you have done that, open the types.html page in a browser and take a look at the console to test if you get a "it works" message.

            Strings are used for holding text. There are three different ways to create strings in JavaScript:

            Single Quotes 'text'
```


File Edit Selection View Go Run Terminal Help
EDU
RUN AND DEBUG: R...
Run and Debug
To customize Run and Debug create a launch.json file.
Show all automatic debug configurations.
online learning.html
html.html
java script.html
python 2.html 2
java.html
python 2.html > html
Ln 45, Col 8 Spaces: 4 UTF-8 CRLF HTML
26°C
Mostly cloudy
Search
ENG
IN
09:58
03-12-2023

```
<!DOCTYPE html>
<html>
    <tittle><h1><center><u>Python</u></center></h1></tittle>
    <body>


        <h2><u>1.varibles</u></h2>
        <p><b>Variables
            Python Variable is containers that store values. Python is not “statically typed”. We do not need to declare variables before using them

            Example of Variable in Python
            An Example of a Variable in Python is a representational name that serves as a pointer to an object. Once an object is assigned to a var

            Here we have stored “Geeksforgeeks”  in a var which is variable, and when we call its name the stored information will get printed.</b><
            <h3><a href=https://youtu.be/DInMru2Eq6E?si=5ARCuSK9y5z7Hp7R>video link<br></a></h3>
            <h2><u>2.Data structures</u></h2>
            <p><b>Structures in Python: A Comprehensive Guide
                PreviousNext
                Tutorial Playlist
                Table of Contents
                What is a Data Structure?Built-in Data Structures in PythonUser-Defined Data StructuresConclusionFAQs
                What is a Data Structure?
                A data structure is a fundamental concept in computer science that systematically organizes and stores data in a computer's memory.

                Imagine a toolbox with compartments designed to hold specific tools; similarly, data structures create compartments for data element

                Choosing the appropriate data structure depends on the problem at hand and the efficiency requirements of the solution. Some data st
                <h3><a href=https://youtu.be/QN9hnmAgmOc?si=EC7SnjACyhsCRBlT> video link<br></a></h3>
            <h2><u>3.functions</u></h2>
        <p><b>A Python function is a block of organized, reusable code that is used to perform a single, related action. Functions provide better mo

            A top-to-down approach towards building the processing logic involves defining blocks of independent reusable functions. A Python functi

            The standard library also bundles a number of modules. Each module defines a group of functions. These functions are not readily availab

            In addition to the built-in functions and functions in the built-in modules, you can also create your own functions. These functions are
            <h3><a href=https://youtu.be/eezLhJ5oGYg?si=oHQbrILEVo8F_G90 >Video link</a><br></a></h3>
```



To customize Run and Debug create a launch.json file.

Show all automatic debug configurations.

```
                classes that are implemented using the CharSequence interface are mentioned below and these provides much of functionality like subs
                <h3><a href="https://youtu.be/NTHVTY6w2Co?si=ccIuLkfSBaCqz6LT"> video link<br></a></h3>
            <h2>3.identifires</h2>
        <p><b>Identifiers in Java are symbolic names used for identification. They can be a class name, variable name, method name, package name, co

            For every identifier there are some conventions that should be used before declaring themRules for Identifiers in Java
            There are some rules and conventions for declaring the identifiers in Java. If the identifiers are not properly declared, we may get a c

            A valid identifier must have characters [A-Z] or [a-z] or numbers [0-9], and underscore(_) or a dollar sign ($). for example, @javatpoin
            There should not be any space in an identifier. For example, java tpoint is an invalid identifier.
            An identifier should not contain a number at the starting. For example, 123javatpoint is an invalid identifier.
            An identifier should be of length 4-15 letters only. However, there is no limit on its length. But, it is good to follow the standard co
            We can't use the Java reserved keywords as an identifier such as int, float, double, char, etc. For example, int double is an invalid id
            An identifier should not be any query language keywords such as SELECT, FROM, COUNT, DELETE, etc.</b></p>
            <h3><a href=https://youtu.be/vCRD36bG8xQ?si=MJYzFIbdQ4Yyg54H >Video link</a><br></a></h3></body>
            <style>
                body {
                    background-image: url("Downloads/WhatsApp\ Image\ 2023-12-02\ at\ 13.54.48_20703457.jpg");
                }
            </style>


</html>
```

Snipping Tool

Screenshot copied to clipboard and saved

Select here to mark up and share the image