Web Technology

Lab Assignment 1

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Simple HTML elements:

T1. Design a web page that has the following content:
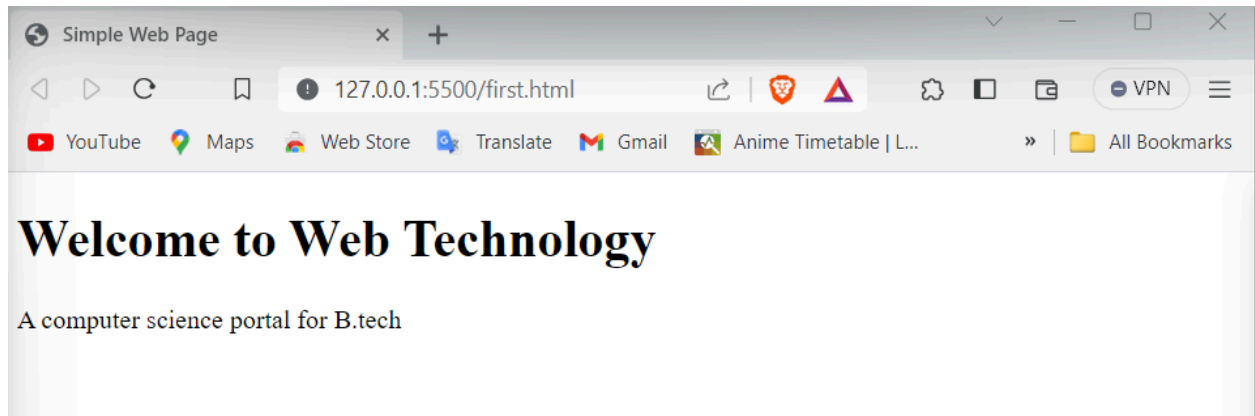
Title: Simple Web Page
Heading: Welcome to Web Technology
Paragraph: A computer science portal for B. Tech.

Ans

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Simple Web Page</title>
</head>
<body>
   <h1>Welcome to Web Technology</h1>
   <p>A computer science portal for B.tech</p>
</body>
</html>
```
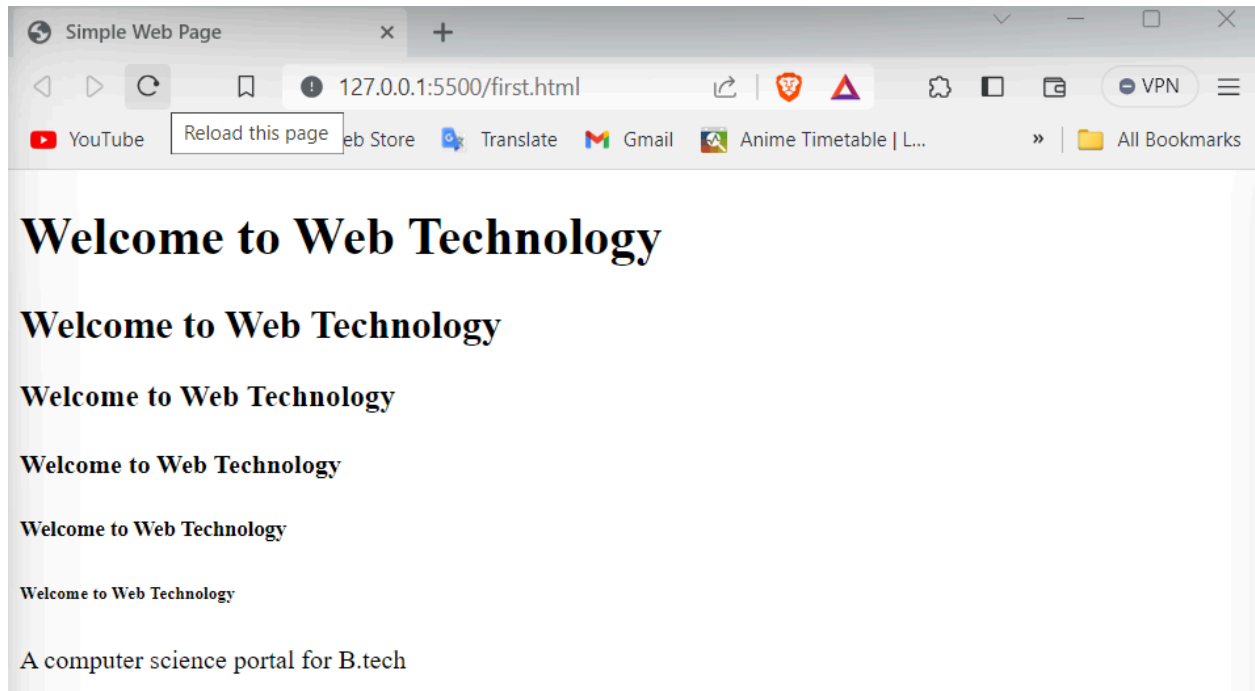
T2. For task T1, try with 6 different levels of heading.

Ans

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Simple Web Page</title>
</head>
<body>
    <h1>Welcome to Web Technology</h1>
    <h2>Welcome to Web Technology</h2>
    <h3>Welcome to Web Technology</h3>
    <h4>Welcome to Web Technology</h4>
    <h5>Welcome to Web Technology</h5>
    <h6>Welcome to Web Technology</h6>
    <p>A computer science portal for B.tech</p>
</body>
</html>
```
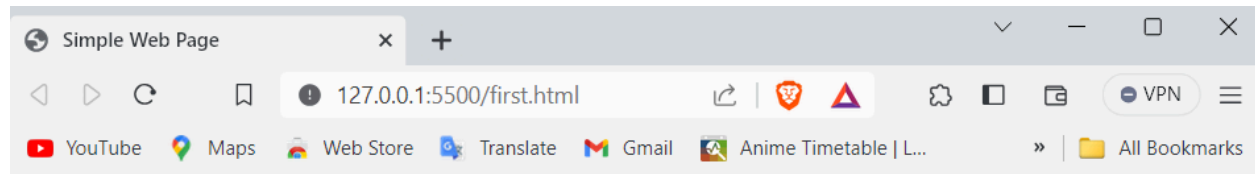
**T3. Create a html document with multiple paragraphs within the body. The content should
be multiline for at least one of the paragraphs.**

Ans

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Simple Web Page</title>
</head>
<body>
   <h1>Welcome to Web Technology</h1>
   <p>A computer science portal for B.tech</p>
   <p>Lorem Ipsum is simply dummy text of the printing and typesetting
industry. Lorem Ipsum has been the industry's standard dummy text ever
since the 1500s, when an unknown printer took a galley of type and
scrambled it to make a type specimen book.<br>It has survived not only
five centuries, but also the leap into electronic typesetting, remaining
essentially unchanged.</p>
```

```
    <p>It was popularised in the 1960s with the release of Letraset sheets
containing Lorem Ipsum passages, and more recently with desktop publishing
software like Aldus PageMaker including versions of Lorem Ipsum.</p>
</body>
</html>
```


Welcome to Web Technology

A computer science portal for B.tech

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.
It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.

It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

Nested HTML elements:

T4. Nest one paragraph within another.

Ans

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Simple Web Page</title>
</head>
<body>
    <h1>Welcome to Web Technology</h1>
    <p>Lorem Ipsum is simply dummy text of the printing and typesetting
industry. Lorem Ipsum has been the industry's standard dummy text ever
since the 1500s, when an unknown printer took a galley of type and
scrambled it to make a type specimen book.<p>It has survived not only five
```

```
centuries, but also the leap into electronic typesetting, remaining
essentially unchanged.</p>It was popularised in the 1960s with the release
of Letraset sheets containing Lorem Ipsum passages, and more recently with
desktop publishing software like Aldus PageMaker including versions of
Lorem Ipsum.</p>
</body>
</html>
```

Simple Web Page
127.0.0.1:5500/first.html

YouTube   Maps   Web Store   Translate   M Gmail   Anime Timetable | L...   VPN   All Bookmarks

Welcome to Web Technology

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's
standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make
a type specimen book.

It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.

It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more
recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

T5. Nest a heading within a paragraph.

Ans
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Simple Web Page</title>
</head>
<body>
    <h1>Welcome to Web Technology</h1>
    <p>Lorem Ipsum is simply dummy text of the printing and typesetting
industry. Lorem Ipsum has been the industry's standard dummy text ever
since the 1500s, when an unknown printer took a galley of type and
scrambled it to make a type specimen book.<h3>It has survived not only
```
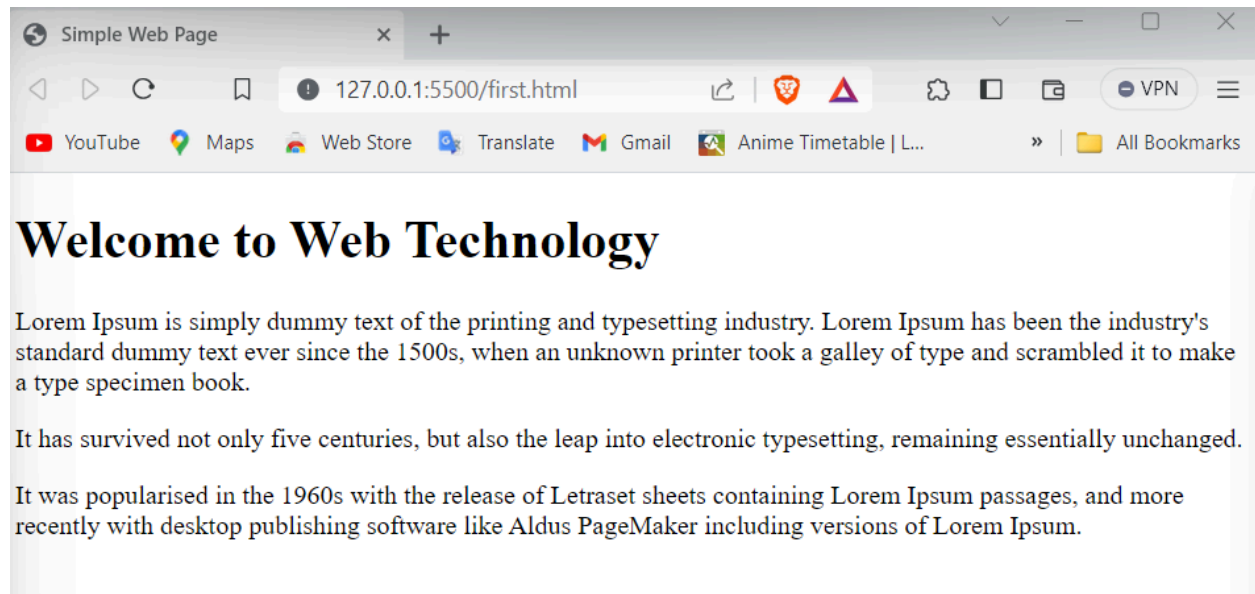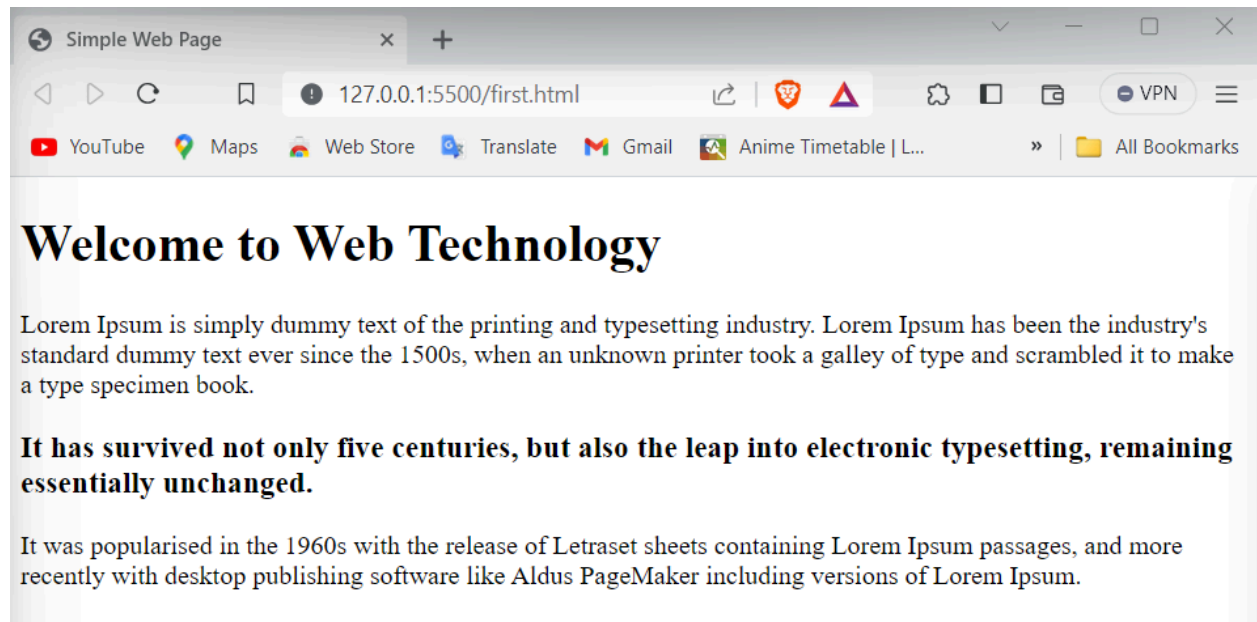
```
five centuries, but also the leap into electronic typesetting, remaining
essentially unchanged.</h3>It was popularised in the 1960s with the
release of Letraset sheets containing Lorem Ipsum passages, and more
recently with desktop publishing software like Aldus PageMaker including
versions of Lorem Ipsum.</p>
</body>
</html>
```

Simple Web Page   ×   +

127.0.0.1:5500/first.html   VPN ≡

YouTube   Maps   Web Store   Translate   Gmail   Anime Timetable | L...   »   All Bookmarks

Welcome to Web Technology

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.

It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.

It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

T6. Nest a paragraph within a heading.

Ans
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Simple Web Page</title>
</head>
<body>
    <h1>Welcome to:<p>It has survived not only five centuries, but also
the leap into electronic typesetting, remaining essentially unchanged.</p>
Web Technology</h1>
```
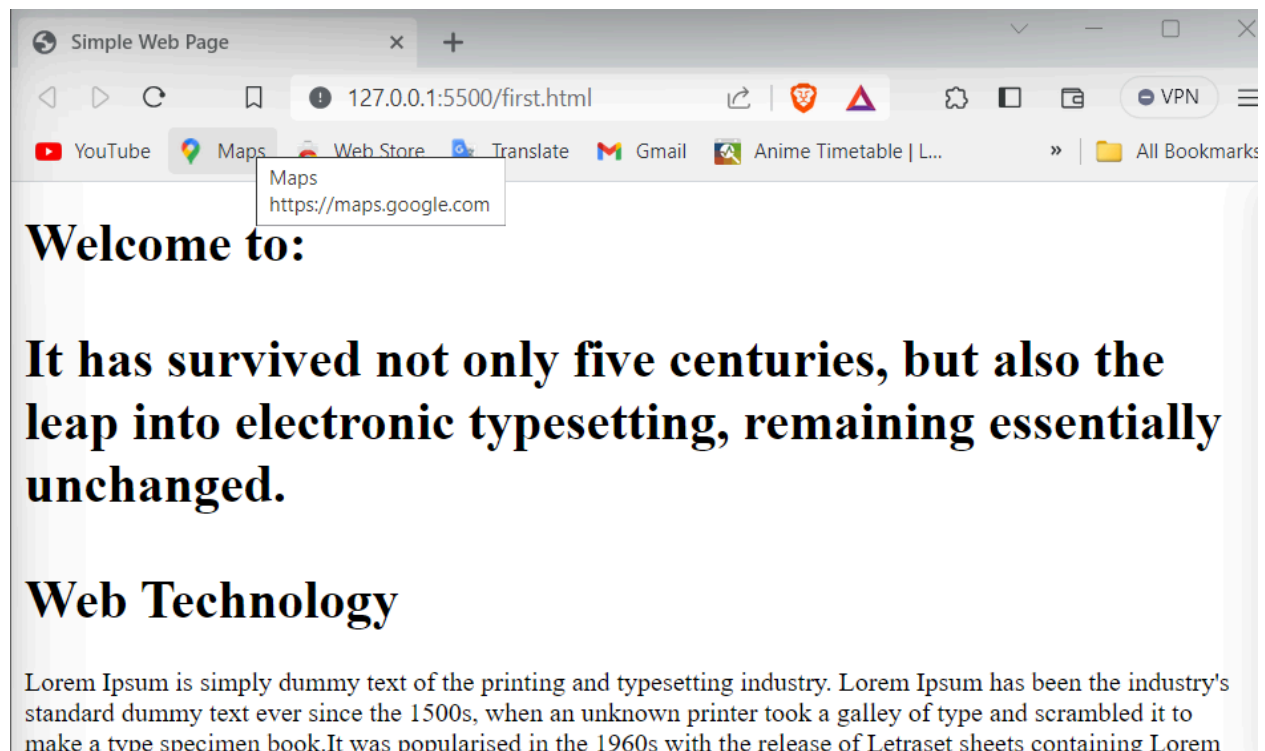
```
    <p>Lorem Ipsum is simply dummy text of the printing and typesetting
industry. Lorem Ipsum has been the industry's standard dummy text ever
since the 1500s, when an unknown printer took a galley of type and
scrambled it to make a type specimen book.It was popularised in the 1960s
with the release of Letraset sheets containing Lorem Ipsum passages, and
more recently with desktop publishing software like Aldus PageMaker
including versions of Lorem Ipsum.</p>
</body>
</html>
```


T7. Nest a heading within another heading.

Ans

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Simple Web Page</title>
</head>
```

```
<body>
    <h1>Welcome to:<h3>It has survived not only five centuries, but also
the leap into electronic typesetting, remaining essentially
unchanged.</h3> Web Technology</h1>
    <p>Lorem Ipsum is simply dummy text of the printing and typesetting
industry. Lorem Ipsum has been the industry's standard dummy text ever
since the 1500s, when an unknown printer took a galley of type and
scrambled it to make a type specimen book.It was popularised in the 1960s
with the release of Letraset sheets containing Lorem Ipsum passages, and
more recently with desktop publishing software like Aldus PageMaker
including versions of Lorem Ipsum.</p>
</body>
</html>
```


Welcome to:

It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.

Web Technology

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

Image:

T8. Add an image to your web page.

Ans

```
<!DOCTYPE html>
```
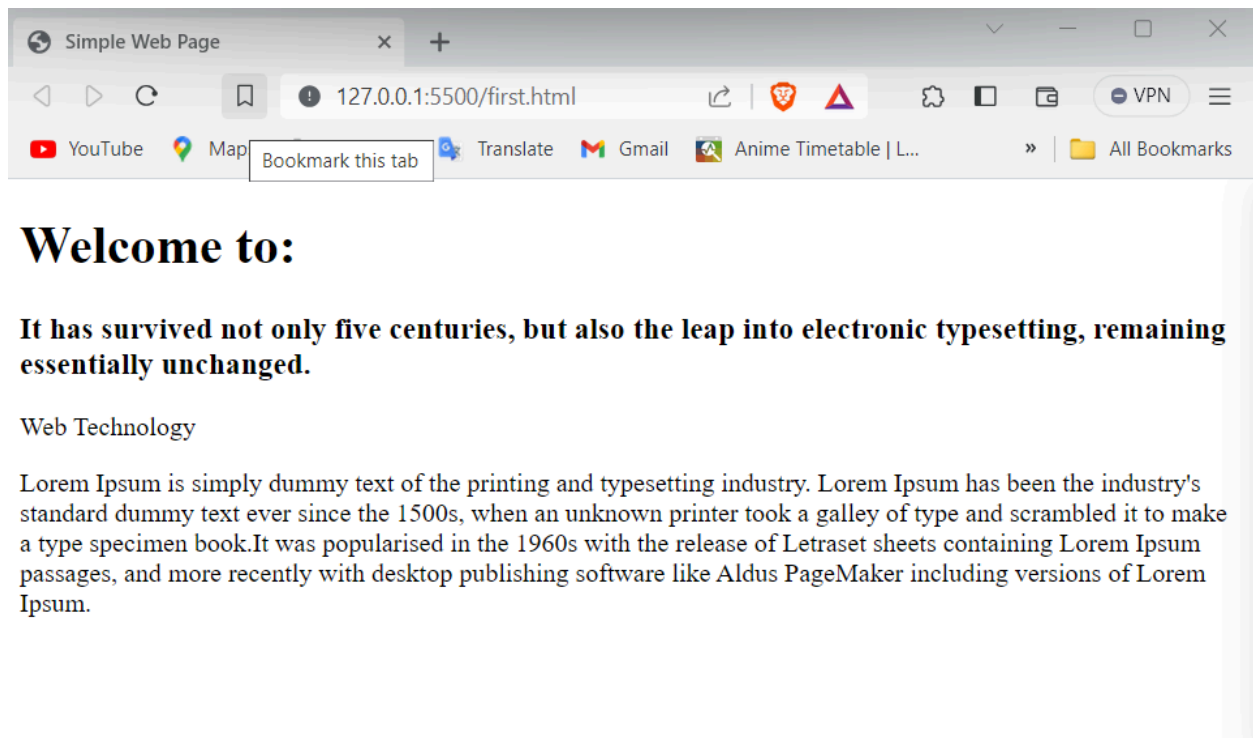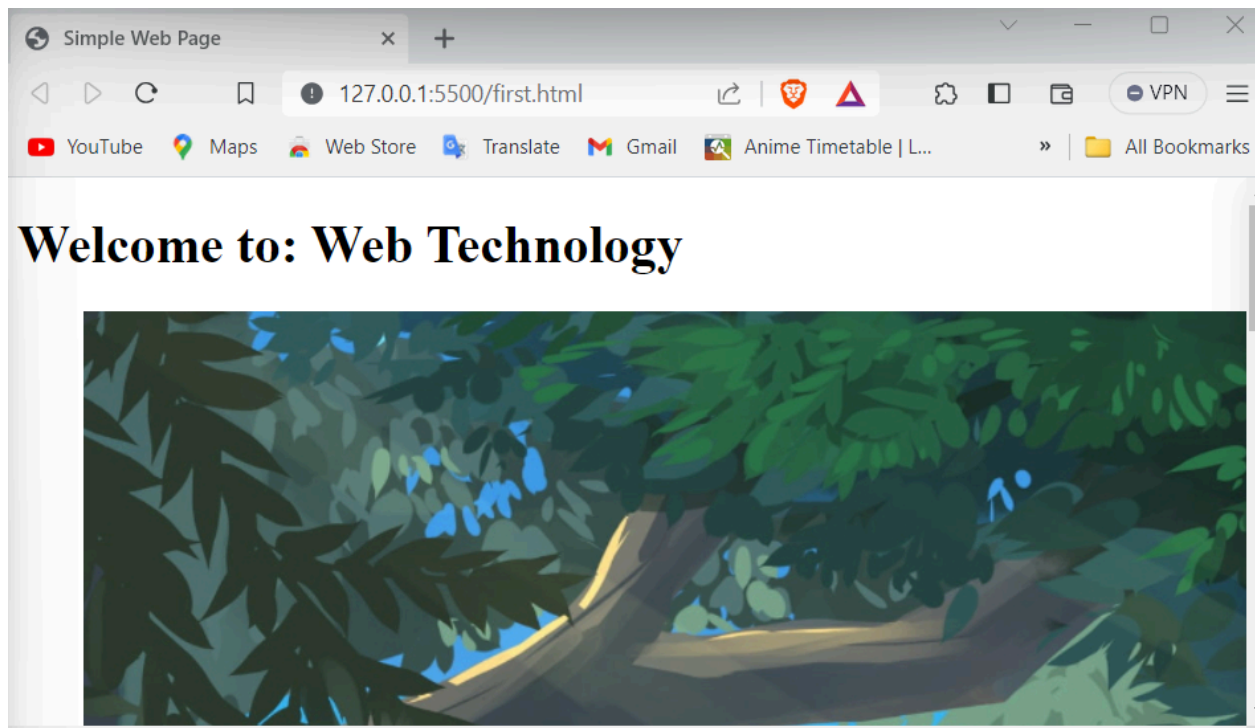
```
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Simple Web Page</title>
</head>
<body>
    <h1>Welcome to: Web Technology</h1>
    <figure>
        <img src="wallpaperflare.com_wallpaper.jpg" alt="Description">
    </figure>
</body>
</html>
```


T9. Change the height and width of the image.

Ans

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
```

```html
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Simple Web Page</title>
</head>
<body>
    <h1>Welcome to: Web Technology</h1>
    <figure>
        <img src="wallpaperflare.com_wallpaper.jpg" alt="Description"
style="width:600px;height:250px;">
    </figure>
</body>
</html>
```