What is the purpose of Multimedia.

What kind of programs can we make using WebSocket?

What is Web Server?

What is a Sprite?

**What's the difference between sessionStorage and localStorage? And what format does it use to save values?**

**What is JSON? and what is  JSON.stringify() used for? What is JSON.parse() used for?**

Which 8-bit value colors are combined to create a 24-bit color?

Give an example of output and input device.

What is an alert used for in JavaScipt?

Give 2 examples for the using of speech recognition in an application

What is <!DOCTYPE> and why is it needed in HTML?

Explain the differences between bitmap and vector images. Why should a person use one over the other?

What is Bootstrap and why is it commonly used in web design?

**What is the difference between the 'DOMContentedLoaded' event and the 'load' event, i.e. window.onload?**

**What is the difference between Speech Synthesis and Speech Recognition?**

**When to use CMYK(subtractive)? And when to use RGB(additive)?**

Why do systems require feedback? How does Multimedia assist with this?

What are some ways to turn spoken sounds into written words?

What does an analog-to-digital converter (ADC) do? Give an example in Multimedia that would use this?

What is a canvas context?

Given an application that requires constant video and audio communication, would a programmer use WebRTC or a WebSocket? Explain.

myObj = { "name":"John", "age":30, "car":null };
Set the car property of myObj to be BWM.

Compare Bitmap vs Vector

What are some problems with voice recognition?

Explain the process in how you would test for collision detection between two objects in a game.

Based upon the trend of all multimedia devices, what will be the next multimedia device to come to the future?

What are the types of multimedia devices that can be used to aid individuals who have certain disabilities?

How can multimedia outlets improve the field of education?

How can multimedia outlets/ devices improve a person's life?

How can multimedia advance in the field of entertainment like video games?

whatisLinearMultimedia?

Explain the concept of the Document Object Model

Pick a framework that we covered in class, and explain how it is used

When drawing lines on a canvas, what is the difference between: moveTo, lineTo, stroke?

What is a Sprite sheet and how is it useful in creating multimedia projects?

Given the following:

<canvas id="myCanvas" width="300" height="150"></canvas>

Write a script that will make a filled blue rectangle at 50,50 with a size of 100,75

Explain what are:

•HTML Canvas

•HTML CanvasContext

Streaming Video
<https://www.cloudflare.com/learning/video/what-is-live-streaming/>

**Why is a** [**CDN**](https://www.cloudflare.com/learning/cdn/what-is-a-cdn/) **(**content delivery network) **important for live streaming?**