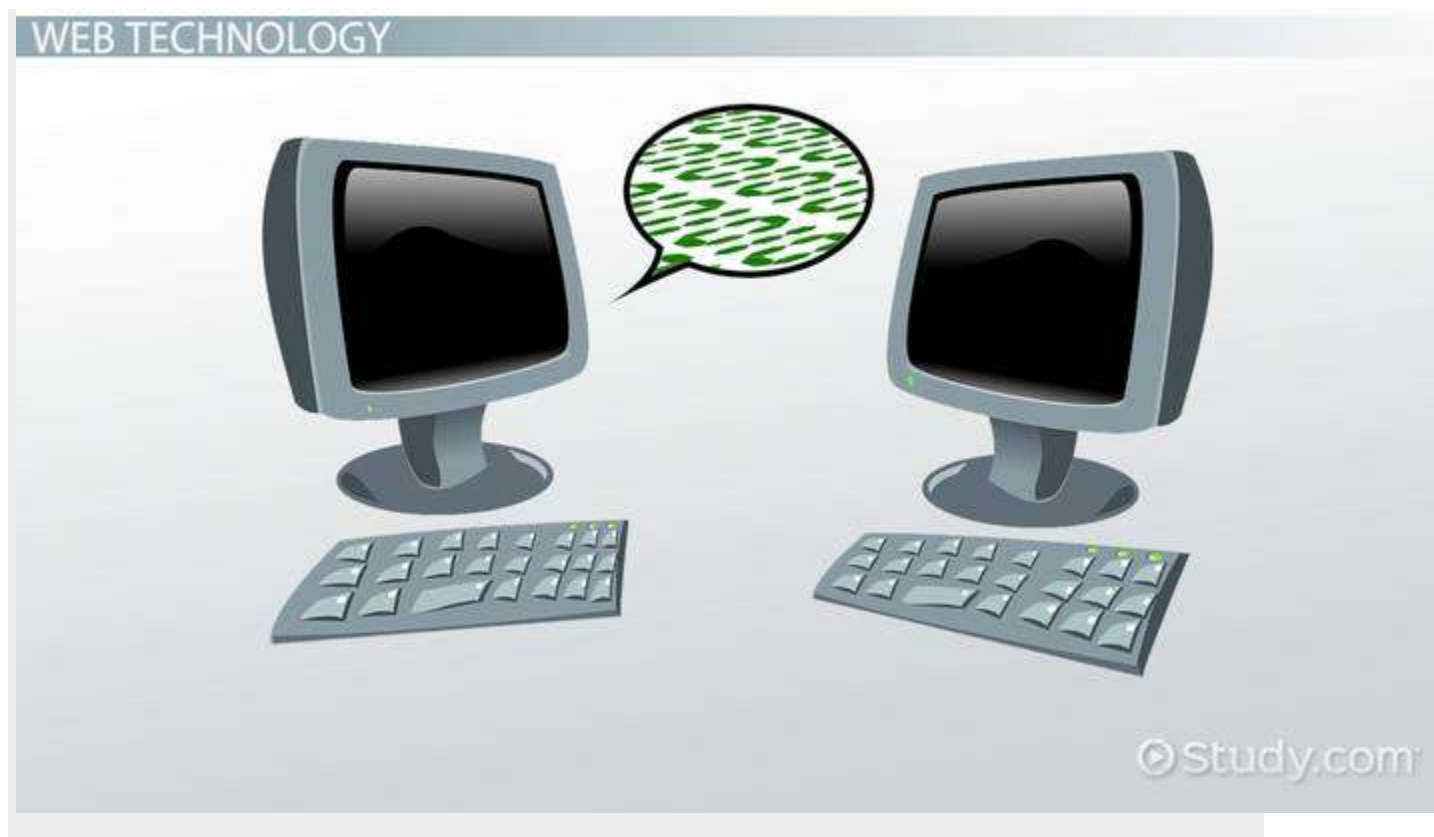# ASSIGNMENT -4

WEB TECHNOLOGY

Web Technology

You probably know that computers don't communicate with each other the way that people do. Instead, computers require codes, or directions. These binary codes and commands allow computers to process needed information. Every second, billions upon billions of ones and zeros are processed in order to provide you with the information you need.

So what does that have to do with your ability to post your latest pictures online? Everything.

The methods by which computers communicate with each other through the use of markup languages and multimedia packages is known as **web technology**. In the past few decades, web technology has undergone a dramatic transition, from a few marked up web pages to the ability to do very specific work on a network without interruption. Let's look at some examples of web technology.

Examples

It may be easier to think of web technology as a gradual process of evolution, some stages of which are still in use today. First, try imagining a network without web technologies. While you'd have direct access to individual computers, you wouldn't have the ability to run anything off the cloud, so to speak. Any time you wanted to look at a piece of information, you would have to do it with a direct link to the host computer, which, simply put, would be pretty inefficient.

Thankfully, web technology does away with such inefficiencies by providing us with ways to interact with hosted information such as websites. Using a variety of markup languages, like hypertext markup language (HTML) and cascading style sheets (CSS), our capabilities can range from delivering text to producing incredible graphics.