

# Assignment 5

## Q1. What is the importance of Sketching?

Ans. Sketching is a powerful process to use because it always helps discover the best ideas and solutions to a design problem. It is a difficult task to 'freestyle' a complex design out of midair without hashing out the details. This is why sketching will remain an important step in the design and development process.

## Q2. What are design principles? Explain any three types.

Ans. Design principles are fundamental pieces of advice for you to make easy-to-use, pleasurable designs. You apply them when you select, create and organize elements and features in your work.

### 1. Contrast

One of the most common complaints designers have about client feedback often revolves around clients who say a design needs to “pop” more. While that sounds like a completely arbitrary term, what the client generally means is that the design needs more contrast.

### 2. Balance

Every element of a design—typography, colors, images, shapes, patterns, etc.—carries a visual weight. Some elements are heavy and draw the eye, while other

elements are lighter. The way these elements are laid out on a page should create a feeling of balance.

### 3.Emphasis

Emphasis deals with the parts of a design that are meant to stand out. In most cases, this means the most important information the design is meant to convey.

### Q3. What is RGB color space?

Ans. Some forms of color space use color primaries defined via the additive RGB color model.<sup>[1]</sup> A particular color space that employs RGB primaries for part of its specification is defined by the three chromaticities of the red, green, and blue additive primaries, and can produce any chromaticity that is the 2D triangle defined by those primary colors (I e. excluding transfer function, white point, etc.).<sup>[2]</sup> The primary colors are specified in terms of their CIE 1931 color space chromaticity coordinates (x , y) linking them to human-visible color.

### Q4. Is creating a sketch of website is a good practice? Explain your answer.

Ans. Sketching has some advantages to digital wireframes or even digital drawing. It's portable, approachable, creative and time-tested. There's nothing simpler than paper and pencil — or pen.

I've found, too, that clients tend to find the work informal enough that they can suggest changes and make edits. Fully rendered comps look "finished" or nearly complete. I think that can hamper a client's willingness to suggest improvements or changes. Sketches are loose, friendly, informal... you can erase them and change them.

## Q5. What is dark web?

Ans. The dark web is a part of the internet that isn't indexed by search engines. You've no doubt heard talk of the “dark web” as a hotbed of criminal activity. You can buy credit card numbers, all manner of drugs, guns, counterfeit money, stolen subscription credentials, hacked Netflix accounts and software that helps you break into other people’s computers. Buy login credentials to a \$50,000 Bank of America account for \$500. Get \$3,000 in counterfeit \$20 bills for \$600. Buy seven prepaid debit cards, each with a \$2,500 balance, for \$500 (express shipping included). A “lifetime” Netflix premium account goes for \$6. You can hire hackers to attack computers for you. You can buy usernames and passwords.

## Q6. What is tor browser?

Ans. The Tor Browser is a web browser that anonymizes your web traffic using the Tor network, making it easy to protect your identity online.

If you're investigating a competitor, researching an opposing litigant in a legal dispute, or just think it's creepy for your ISP or the government to know what websites you visit, then the Tor Browser might be the right solution for you.

Tor Browser is also illegal in authoritarian regimes that want to prevent citizens from reading, publishing, and communicating anonymously. Journalists and dissidents around the world have embraced Tor as a cornerstone of democracy online today, and researchers are hard at work improving Tor's anonymity properties.