

## ASSIGNMENT 5:

1) What is the importance of sketching?

2) What are design principles?

Explain any three types.

3) What is RGB color space?

4) Is creating a sketch of website is a good practice? explain your answer.

5) What is dark web?

6) What is tor browser?

## #ANSWERS

#1 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.

#2 Design principles are widely applicable laws, guidelines, biases and design considerations which designers apply with discretion. Professionals from many disciplines—e.g., behavioral science, sociology, physics and ergonomics—provided the foundation for design principles via their accumulated knowledge and experience.

#3 Some forms of color space use color primaries defined via the additive RGB color model. 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 ( ie. excluding transfer function, white point, etc.). The primary colors are specified in terms of their CIE 1931 color space chromaticity coordinates (x,y), linking them to human-visible color.

#4 When planning a website, sketching can be an invaluable part of planning. You can use it for designs, UX testing, UI elements and even trying out typography ideas. I've used it on several websites to ideate the creative assets of a project like photography and icons.

#5 The dark web is the World Wide Web content that exists on dark nets, overlay networks that use the Internet but require specific software, configurations, or authorization to access. The dark web forms a

small part of the deep web, the part of the Web not indexed by web search engines, although sometimes the term deep web is mistakenly used to refer specifically to the dark web.

The dark nets which constitute the dark web include small, friend-to-friend peer-to-peer networks, as well as large, popular networks like Tor, Freenet, I2P, and Riffle operated by public organizations and individuals. Users of the dark web refer to the regular web as Clearnet due to its unencrypted nature. The Tor dark web may be referred to as onion land, a reference to the network's top-level domain suffix onion and the traffic anonymization technique of onion routing.

#6 Tor Browser routes all your web traffic through the Tor network, anonymizing it. ... Tor Browser connects at random to one of the publicly listed entry nodes, bounces that traffic through a randomly selected middle relay, and finally spits out your traffic through the third and final exit node.