### **ANSWER 1**

UI design focuses on the visual elements directly engaged by users. UI designers are responsible for creating appealing interfaces that are easy to use emphasizing aesthetics and visual components such, as buttons, icons, and menus.

UX design revolves around creating a comprehensive user journey within a product or service. It involves crafting experiences that deeply connect with users encompassing branding, usability, functionality, and design. UX designers prioritize understanding users' emotions. Ensuring a seamless interaction that leaves them satisfied.

#### **ANSWER 2**

front-end developer creates websites and applications using web languages such as HTML, CSS, and JavaScript that allow users to access and interact with the site or app. When you visit a website, the design elements you see were created by a front-end developer.

Roles = A front-end web developer is responsible for implementing visual elements that users see and interact with in a web application

Responsibility= Collaborate with designers, optimize applications, develop features, and maintain brand consistency for user-facing interfaces.

#### **ANSWER 3**

Back-end development means working on server-side software, which focuses on everything you can't see on a website. Back-end developers ensure the website performs correctly, focusing on databases, back-end logic, application programming interface (APIs), architecture, and servers. They use code that helps browsers communicate with databases, store, understand, and delete data.

Roles= ensure the website performs correctly, focusing on databases, back-end logic, application programming interface (APIs), architecture, and servers.

Responsibility= creating, maintaining, testing, and debugging the entire back end of an application or system.

## **ANSWER 4**

GITHUB PROFILE LINK https://github.com/SinghUtkarsh1

# LINKEDIN PROFILE LINK

https://www.linkedin.com/in/utkarsh-pratap-singh-a649b1253?utm\_source=share&utm\_campaign=share\_via&utm\_content=profile&utm\_medium=android\_app

## **ANSWER 5**

I HAVE NOT STARTED WRITING BLOG DUE TO LOW INTEREST