

Assignment 1

- a. Create a responsive web page which shows the ecommerce/college/exam admin dashboard with sidebar and statistics in cards using HTML, CSS and Bootstrap.
- b. Write a JavaScript Program to get the user registration data and push to array/local storage with AJAX POST method and data list in new page.

Assignment 2

- a. Create version control account on GitHub and using Git commands to create repository and push your code to GitHub.
- b. Create Docker Container Environment (NVIDIA Docker or any other).
- c. Create an Angular application which will do following actions: Register User, Login User, Show User Data on Profile Component

Assignment 3

- a. Create a Node.JS Application which serves a static website.
- b. Create four API using Node.JS, ExpressJS and MongoDB for CRUD Operations on assignment 2.C.

Assignment 4

- a. Create a simple Mobile Website using jQuery Mobile.

Cyber Security

1. Write a program to sniff packet sent over the local network and analyze it.
2. Create an attack using python script and implement attack and analyze the effect of attack.
 - a) DDOS Attack b) IP spoofing c) DNS Attack
3. Write a program in python script for Spam Mail Detection (Spam Filtering Implementation).

4. IDS Use Distributed IDS Attack Information to gathers log files from users around the network and prepares reports to determine if their networks have encountered intrusion attempts.