COMSATS University Islamabad
Abbottabad Campus
Department of Computer Science

Lab Assignment No. 1

Class: BSE-5A

Session: FALL 2023

Course: DCCN

Instructor: Dr. Sardar Khaliq uz Zaman

Submission Deadline

The deadline for the submission of assignment is, **Monday 23-10-2023, 11:00 AM** on CU Online. Nobody is allowed to send assignment through emails. Late submission is extremely discouraged and won`t be marked.

TOPIC: Attempt the following tasks in CISCO packet tracer. Add screen shots of all tasks in the solution file. Use this format for assigning a class C IP address at each node in the assignment 210.90.10.(your reg #). For example, 210.90.10.120. Prepare an MS word file that contains the screen shots and description of all major activities in proper sequence.

Q 1) Using five PCs, one switch and two servers implement.
- DNS server and HTTP server.
- Add DNS record at DNS server.
- Access the domain using HTTP request/response mechanism.

Q 2) Implement an email server in packet tracer.

- In simulation mode show SMTP message while sending an email from client to server
- In simulation mode show POP3 message while receiving an email from server towards client.