## East West University

**Department of Computer Science and Engineering**

## A/2, Jahurul Islam Avenue, Jahurul Islam City, Aftabnagar, Dhaka

**Course Code:**

CSE405 (Networking Lab)

**Course Instructor:**

Rabea Khatun, Lecturer, CSE

## Title: ****Configuration of Router using Command-Line Interface (CLI)****

## Objective(s)

* + - To build and design a network using Cisco Packet Tracer
    - To learn step-by-step configuration of a router using CLI
    - To understand basic router commands and their applications

## Problem analysis

Routers are essential devices in networking used to connect different networks and direct data traffic efficiently. In this lab, we will configure a Cisco router using the command-line interface (CLI) in Cisco Packet Tracer. The configuration process involves setting up basic network connectivity, assigning IP addresses to interfaces.

## Router Configuration (CLI Mode)

* + - Enter CLI mode by clicking the router and selecting the **CLI tab**.
    - Enter the following commands:

