# Lab 04 – COmputer Networks

## First Task

### Topology

Chart, diagram, box and whisker chart

Description automatically generated

### DHCP Server

Graphical user interface, text, application, email

Description automatically generated

### DHCP Services

Graphical user interface, text, application

Description automatically generated

### DNS Server

Graphical user interface, text, application, email

Description automatically generated

### DNS Service

Graphical user interface, application

Description automatically generated

### HTTP SERVER

Graphical user interface, text, application, email

Description automatically generated

### DHCP IP Assigning

Graphical user interface, text, application, email

Description automatically generated

### Sending Packets and DNS Check

Graphical user interface, text, application, Word

Description automatically generated

## WireShark

Graphical user interface

Description automatically generated with low confidence

### Question 01

Graphical user interface, text, application

Description automatically generated

### Question 02



### Question 03

Graphical user interface

Description automatically generated with low confidence

### Question 04

Graphical user interface, application

Description automatically generated with medium confidence

## Socket Programming

### QUestion No 01

Graphical user interface, text, application

Description automatically generated

### Question No 02

Graphical user interface, text, application

Description automatically generated

## Socket Programming Questions

### Question No 01

Port No and IP Address

### Question No 02

LISTEN (parameters).

Parameters will decide how many connections should be made.

LISTEN (1) will be passed to make a listen only connection.

### Question No 03

Diagram

Description automatically generated

Client Server Architecture

# Lab Tasks

## Task No 01

### Topology

Graphical user interface, chart

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, application

Description automatically generated

## Task No 02

### Topology

Chart, line chart

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated