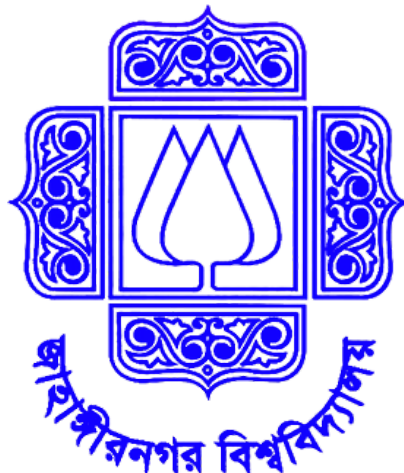


Department of Computer Science and Engineering  
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Savar, Dhaka



## **Laboratory Report**

CSE-402: Computer Networks Laboratory

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## Experiment 05

### Experiment Name: DNS Server Configuration.

#### Objectives:

The objectives of the experiment is to configure DNS server. DNS server allows us to resolve host names into IP addresses. So we can be able to transmit messages from one network to another by the host names.

#### Introduction:

A Domain Name Service(DNS) server resolves host names into IP addresses. Although we can access a network host using its IP address, DNS makes it easier by allowing us use domain names which are easier to remember. For example, it's much easier to access google website by typing `http://www.google.com` as compared to typing `http://208.117.229.214`. In either case, you'll access google website, but using domain name is obviously easier.

#### Circuit:

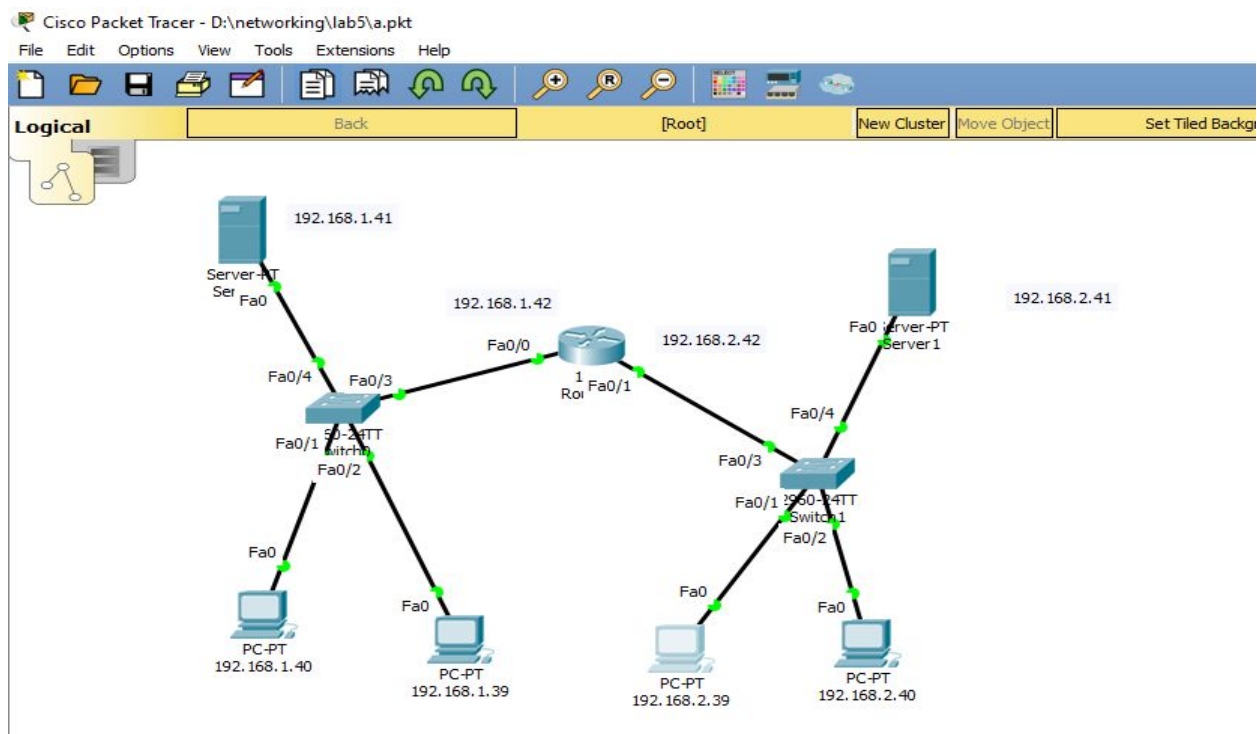
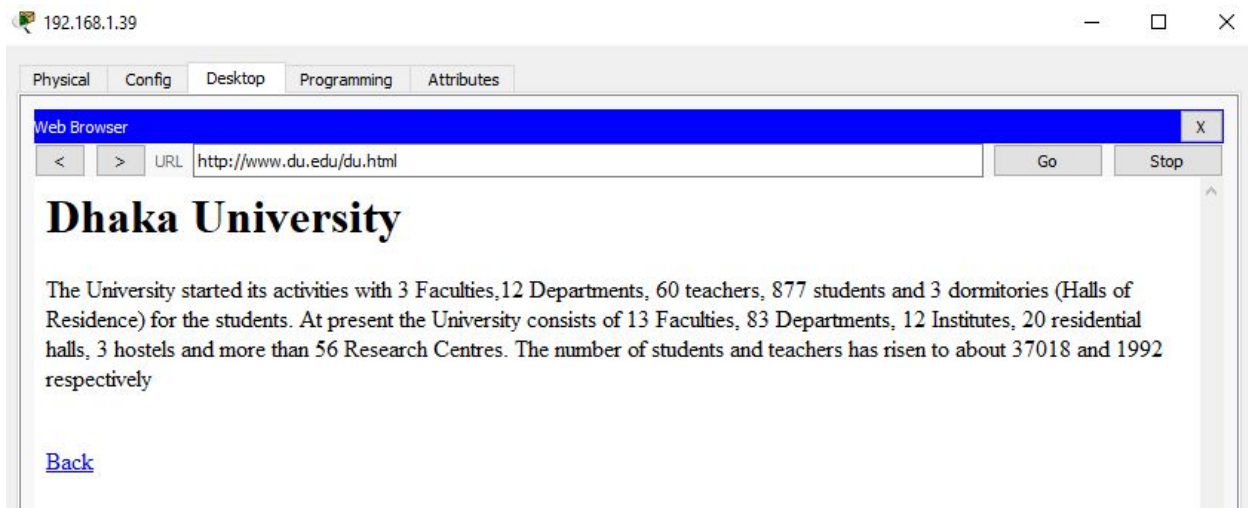
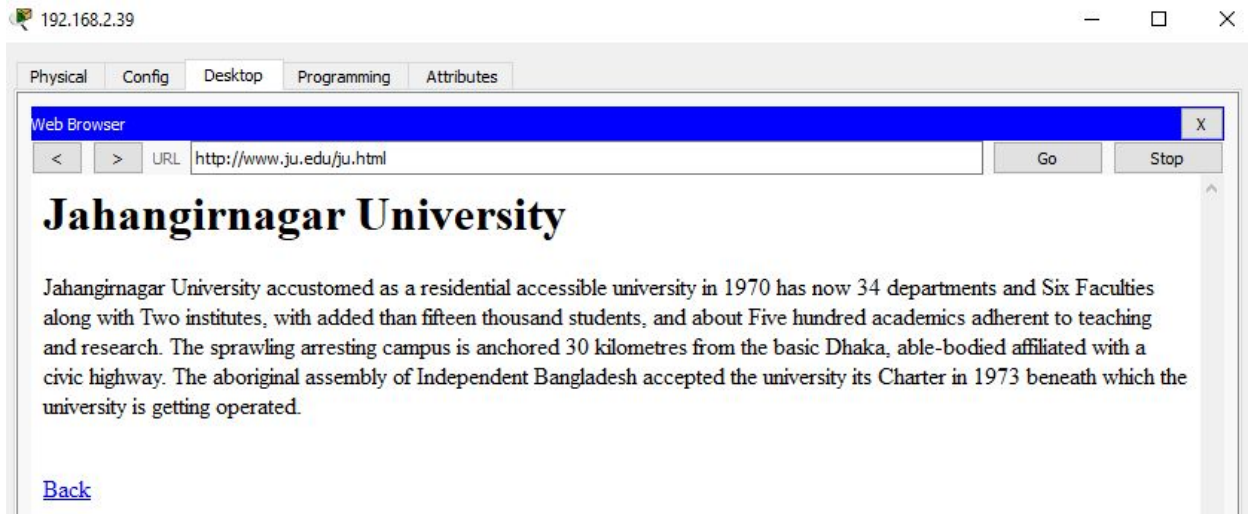


Figure 1: One Router DNS server configuration

## Result:



## Circuit:

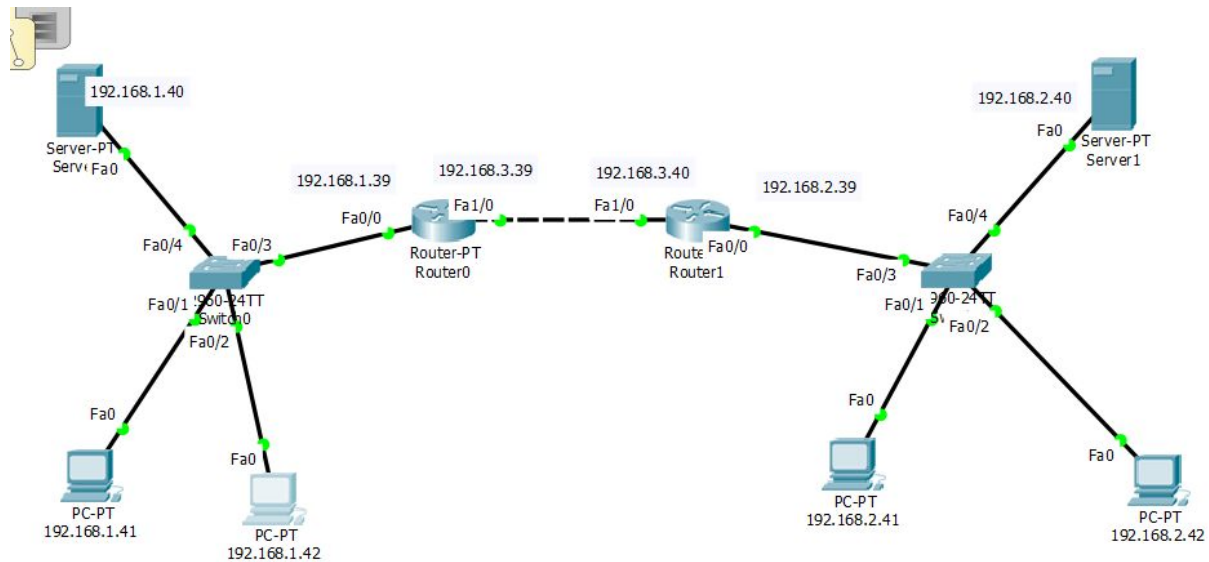
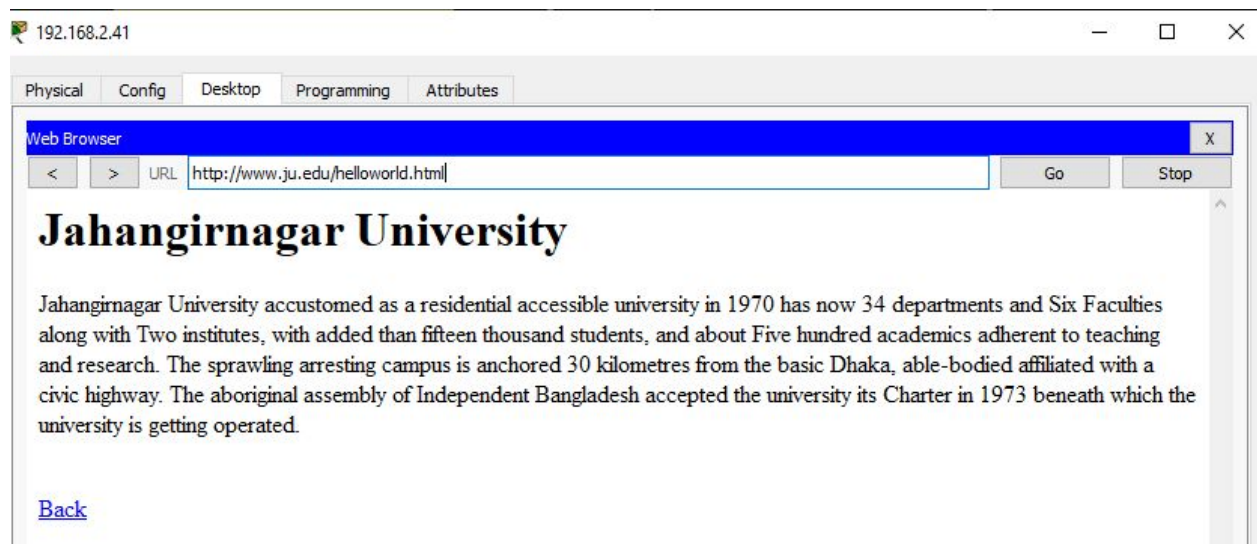


Figure 2: Two Router DNS server configuration

## Result:



192.168.1.42



Physical Config Desktop Programming Attributes

Web Browser

X

< > URL

Go

Stop

# Dhaka University

The University started its activities with 3 Faculties, 12 Departments, 60 teachers, 877 students and 3 dormitories (Halls of Residence) for the students. At present the University consists of 13 Faculties, 83 Departments, 12 Institutes, 20 residential halls, 3 hostels and more than 56 Research Centres. The number of students and teachers has risen to about 37018 and 1992 respectively

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