**COMP 7005**

**Computer Networks & Protocols**

*Assignment-02*

*Testing*

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##### February 9th, 2025

##### Course Reference Number (CRN): 92522

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[Test 01 4](#_Toc189354957)

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[Test 11 8](#_Toc189354967)

[Test 12 8](#_Toc189354968)

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[Test 17 11](#_Toc189354973)

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected** | **Actual** | **Screenshot** |
| IP is not proper length | fail | fail | [Test 1](#_Test_01) |
| IP segment out of range | fail | fail | [Test 2](#_Test_02) |
| IP have a char in it | fail | fail | [Test 3](#_Test_03) |
| Port number is put of range | fail | fail | [Test 4](#_Test_04) |
| Port number have a char in it | fail | fail | [Test 5](#_Test_05) |
| Port number have 0s in front (eg 0022) | fail | fail | [Test 6](#_Test_06) |
| Incorrect number of arguments | fail | fail | [Test 7](#_Test_07) |
| 2 consecutive dots in IP (eg 10..0.0.1) | fail | fail | [Test 8](#_Test_08) |
| Empty file name | fail | fail | [Test 9](#_Test_09) |
| Empty IP | fail | fail | [Test 10](#_Test_10) |
| Empty port | fail | fail | [Test 11](#_Test_11) |
| Empty key | fail | fail | [Test 12](#_Test_12) |
| IP ending with start or end with dot | fail | fail | [Test 13](#_Test_13) |
| Numbers in Key | fail | fail | [Test 14](#_Test_14) |
| Small line with ! | pass | pass | [Test 15](#_Test_15) |
| one line sentence | pass | pass | [Test 16](#_Test_16) |
| one letter file | pass | pass | [Test 17](#_Test_17) |
| Sending Numbers to Encrypt (Remained unchanged) | pass | pass | Test 18 |
| Sending Symbols to Encrypt (Remained unchanged) | pass | pass | Test 19 |
| combination of alphabets, number and symbols | pass | pass | Test 20 |
| Upper case alphabets | pass | pass | Test 21 |
| Lower Case alphabets | pass | pass | Test 22 |
| Upper Case + Lower Case | pass | pass | Test 23 |
| Empty File | fail | fail | Test 24 |
| File with Just Spaces | pass | pass | Test 25 |
| ASCII Code (Remain Unchange) | pass | pass | Test 26 |
| Long File | pass | pass | Test 27 |
| Not a Text file but HML | pass | pass | Test 28 |

# **Tests**

## Test 01

A screenshot of a computer program

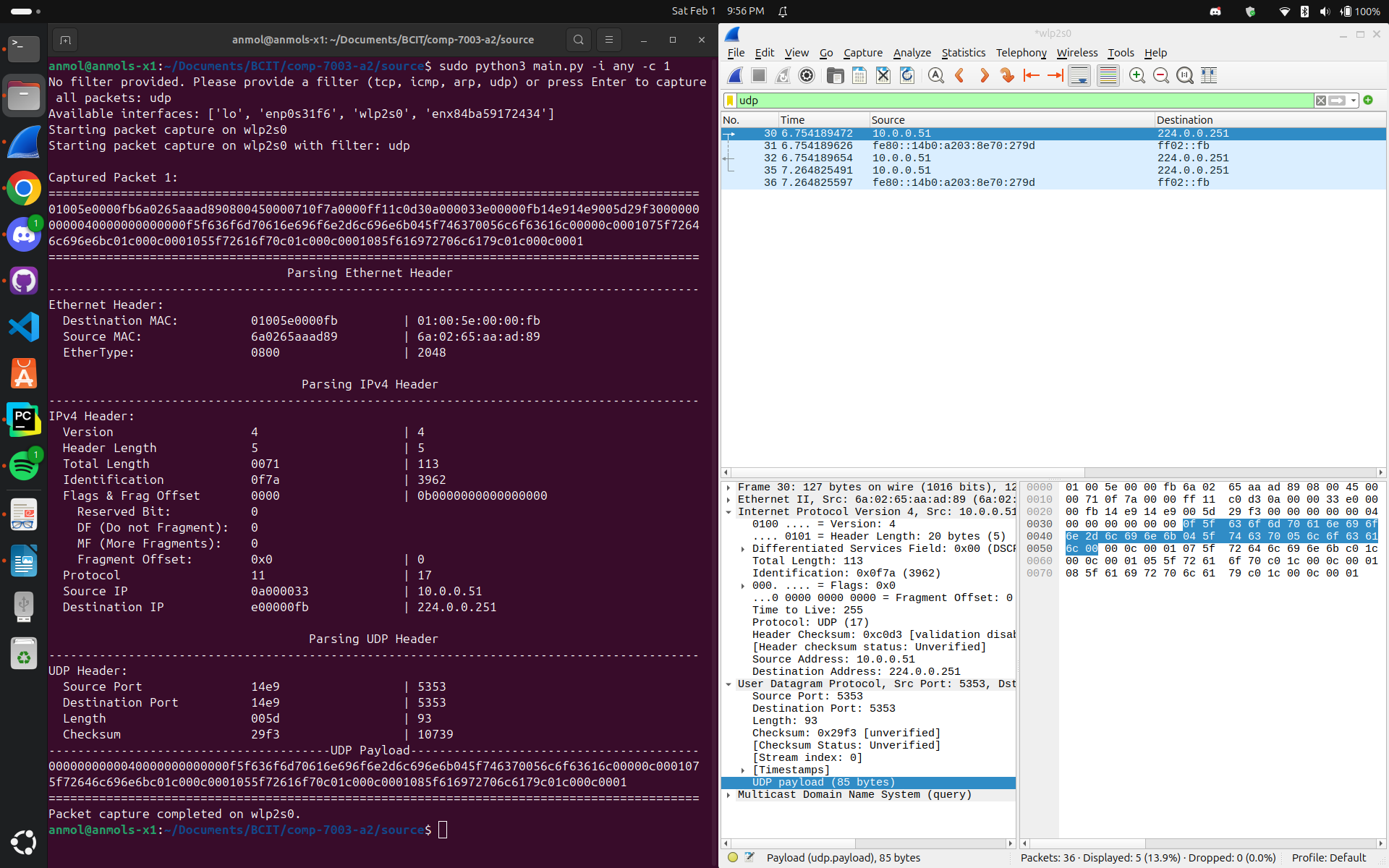
Description automatically generated

## Test 02

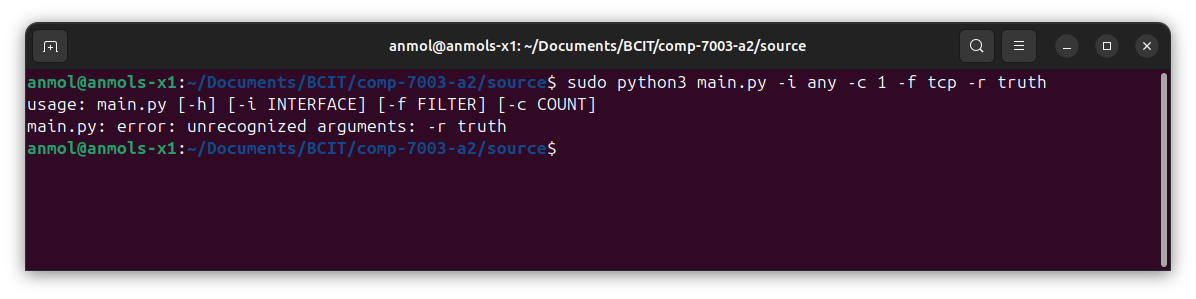
A screenshot of a computer program

Description automatically generated

## Test 03



## Test 04



## Test 05

A screenshot of a computer program

Description automatically generated

## Test 06

A screenshot of a computer screen

Description automatically generated

## Test 07

A screenshot of a computer program

Description automatically generated

## Test 08

A screenshot of a computer

Description automatically generated

## Test 09

A screenshot of a computer screen

Description automatically generated

## Test 10

A screenshot of a computer

Description automatically generated

## Test 11

A screenshot of a computer screen

Description automatically generated

## Test 12

A screenshot of a computer

Description automatically generated

## Test 13

A screenshot of a computer

Description automatically generated

## Test 14

A screenshot of a computer

Description automatically generated

## Test 15

A screenshot of a computer

Description automatically generated

## Test 16

A screenshot of a computer

Description automatically generated

## Test 17

A screenshot of a computer

Description automatically generated