

Objective

The assignment has been designed to develop the understanding Ethernet Types and Physical Addresses.

Instructions:

**Please read the following instructions carefully before solving & submitting assignment:
Assignment should be in your own wordings not copied from internet, handouts or books.
It should be clear that your assignment will not get any credit (zero marks) if:**

- **The assignment is submitted after due date.**
- **The submitted assignment does not open or file is corrupt.**
- **The assignment not submitted in MS Word file format.**
- **The assignment is copied (from other student or copied from handouts or internet).**
- **Student ID is not mentioned in the assignment file or name of file is other than student ID.**

For any query about the assignment, contact at CS610@vu.edu.pk

GOOD LUCK

Q.1. Fill the following table with properties mentioned in 1st row of table against each Ethernet type. **[10 Marks]**

Solution:

Ethernet Type	Name	Cable	Connector	Segment Length	Data Rate
10BASE5	Thick net	Thick Coaxial /AUI	AUI	500 Meters	10 Mbps
10BASE2	Thin net	Thin Coaxial	BNC	185 Meters	10 Mbps
10BASET	Twisted Pair Ethernet	Twisted Pair	RJ45	100 Meters	10 Mbps

Q.2. Write the MAC address of your system and mentioned how much portion of it is used for vendor identification also tell the vendor name of your LAN card. **[5 Marks]**

Solution:

MAC Address: 00-11-43-21-CB-3F

First six letters shows the vendor identification code

Vendor identification code: 00-11-43

Vendor name: Dell Inc.