## Assignment No.

| <b>Title:</b> Lab Assignment on Unit V: (Mandatory Assignment) (Use C/C++) Write a program to analyze following packet formats captured through Wireshark/Internet for wired network. 1. Ethernet 2. IP 3.TCP 4. UDP |             |  |  |  |
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|  |             |  |  |  |
| Date:-   |             |  |  |  |
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|          |       | Date: Page:  |    |  |  |  |  |  |
|          |       | Packet tracer  |    |  |  |  |  |  |
|          | (2)   | Draw header formale of 1PV4 padat?   |    |  |  |  |  |  |
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|          |       | 31.  |    |  |  |  |  |  |
| Och      | ret   | 0 34 78 13 14 15 16  |    |  |  |  |  |  |
|          | 0     | 0 0013(0)  |    |  |  |  |  |  |
|          | 4     | o 15 16 18 19 4 identification flags fragment offset.  |    |  |  |  |  |  |
|          | 9     | identification Hags Tragment office  | 31 |  |  |  |  |  |
| 0        | 8     | Time to Live Protocol Header Chelesum  |    |  |  |  |  |  |
|          | 433   |  | 31 |  |  |  |  |  |
|          | 12    | Source Address   |    |  |  |  |  |  |
|          |       |  | 31 |  |  |  |  |  |
|          | 16    | Destination Address  |    |  |  |  |  |  |
|          | 20    |  | 31 |  |  |  |  |  |
|          | 20    | Options.   |    |  |  |  |  |  |
| _ 30     |       |  |    |  |  |  |  |  |
| 110000   | (82   | Draw header format of TCP.   |    |  |  |  |  |  |
| 0        |       | Traw reader former of 11.  |    |  |  |  |  |  |
|          | Byte. | Catalogue Catalo |    |  |  |  |  |  |
|          | O     | Source Port Destination Port.  |    |  |  |  |  |  |
|          | 4     |  |    |  |  |  |  |  |
|          | 8     | Acknowledgment Number  |    |  |  |  |  |  |
|          | 12    | Offset Reserved CELIAPPRSF Window  |    |  |  |  |  |  |
|          | 16    |  |    |  |  |  |  |  |
|          | 20    | TOP Options (optional)   |    |  |  |  |  |  |
|          |       | Luck D. Ton  |    |  |  |  |  |  |
|          |       | headerformed TCP   |    |  |  |  |  |  |
|          |       |  |    |  |  |  |  |  |
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| 5 7 9 19 |       |  |    |  |  |  |  |  |

|         |                                  |        | Classmate                 |  |  |  |
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|         |                                  |        |                           |  |  |  |
| 03      | Draw heaver formal of CIDP?      |        |                           |  |  |  |
| Byredge |                                  |        | O Low Pad                 |  |  |  |
| 0       | Source Po                        | FÅ     | Destination Port Checkson |  |  |  |
| 4       | Length                           |        | Cheasaw                   |  |  |  |
|         | OF STATE                         |        |                           |  |  |  |
|         | Che                              | RFC762 |                           |  |  |  |
|         | CADO Manda                       |        |                           |  |  |  |
|         |                                  |        | COP Header                |  |  |  |
|         |                                  |        |                           |  |  |  |
| 04      | Draw header formed of 10MA!      |        |                           |  |  |  |
|         | 1 s law wader tomat of lamp;     |        |                           |  |  |  |
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| 0       | Туре                             | Code   | Chethoun,                 |  |  |  |
| 4       | 5                                |        |                           |  |  |  |
| 4       | Other wasage spectic unformation |        |                           |  |  |  |
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|         | A                                |        |                           |  |  |  |
|         |                                  | 100    | I C Mp Mode.              |  |  |  |
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