

HOME WORK ASSIGNMENT#1

CS 4/55231 ST: INTERNET ENGINEERING

Fall 2012, Department of Computer Science, Kent State University

Due Date: __2/16/12____ (3x200=600 points)

1. (INTRO) Search the RFCs and explain briefly the purpose of the following protocols: (a) RTP (b) NTP, (c) RTCP, (d) RSVP, (e) SNMP, (f) RTSP, (g) BGP, (h) MPLS, (i) RSS 2.0, Make a table listing the most relevant RFC number(s) and how they relate to.
2. (INTRO) Search Internet to find few networked *Instruments* which can be operated remotely by Internet users. List most interesting three of them. Make a short webpage in your departmental website linking them and send the link with subject header "My Favorite "Internet Instruments", and send the link to me.
3. (INTRO) Analyze the operations and functionalities of three Internet Telescopes. Design a mini 'protocol' for 'Internet Telescope Protocol'- which can be used by all providers of Telescopes to plug in their telescope easily and users to access those.