

**Operating Systems – Fall 2003**  
**Laboratory Assignment Number 4**  
**Assigned September 5, 2003**  
**Due September 15, 2003**  
**100 Points**

**Name:** \_\_\_\_\_

**Instructions:**

Answer the following questions in separate sheets to be attached with this Lab Sheet. For assistance you can use the Linux Documentation Project Website <http://www.tldp.org> other online information resources. You may discuss with each other during the lab. However, the submitted assignment must be completely your own work.

**Question 1:**

Have you installed your RedHat Linux system successfully? If so provide the details of your hard disk partitions and free space available in your Linux root partition.

**Question 2:**

Install the strace utility on your system. Run it and see the traces of some processes. Save the trace of one process into a file and attach its printout.

**Question 3:**

Install a program development environment on your Linux machine and list the 10 important components of that environment along with their purpose in the form of a table. You may attach additional printouts with this Lab Sheet.

**Question 4:**

Download and install the Linux Extended Attributes and Access Control Lists package from <http://acl.bestbits.at/> and compare its functionality and features with the Windows NT/2000/XP filesystem security. Provide your answer in the form of a table comparing the two.