Lab 4

1. Write a C program to demonstrate the creation of hardlink and various properties of hardlinks.

2. Write a C program to implement ls –li command which lists the files in a specified directory , your program should print 5 attributes of a file.

3. Write a C program to remove display empty files in a given directory, also rename the empty files with the extension .emt

4. Write a program to copy access and modification time of a file1 to another file using utime function.

5. Write a program to demonstrate different methods of process termination.

Lab 5

1. Write a C program to display environment variables using global variable environ

2. Write a C program to display environment variables using APIs available in C.

3. Write a C program to access the shell environment variable(SHELL). print its value,set it to /bin/csh and print the new value to standard output

4. Write a C program to illustrate the effect of setjmp and longjmp functions on registers, volatile and automatic variables.

5. Write a C program to demonstrate the working of fork( ) function.