**Operating System Lab**

# IPC 1

# #include <stdio.h> FILE \*popen(const char \*command, const char \*mode); The popen() function executes the command specified by the string command. It creates a pipe between the calling program and the executed command. You write a C program that will open an existing file with CAT command through popen() system call and will then display the content in your terminal.

#include<stdio.h>

#include<string.h>

int main( void )

{

    FILE \*fp;

    char buffer[1000];

    int number;

    memset( buffer, '\0', sizeof(buffer) );

    fp = popen( "cat MyProc.c", "r" );

    if( fp == NULL )

    {

        printf("ERROR in POPEN !!!\n");

    }

    else

    {

        number = fread( buffer, sizeof(char), sizeof(buffer), fp );

        printf("TEST OUTPUT = %s\n",buffer);

    }

    return 0;

}

# OUTPUT

# 