Exercises Files_in_linux

1. Write a C program create new file, open it and write “Hello world” string to it.
2. Write a C program to add 50 bytes data at end of the existing hex file.
3. Write a C program to display a permission of the file
4. Write a C program to reverse the content of the file.
5. Write a C program to display the content of the file of the specific line.
6. Write a program to read from a file and print the same.
7. Write a shell Script that accepts two file names as command line arguments and compare two file contents and check whether contents are same or not. If they are same, then delete second file.
8. Write a c program to change to permission of the file to real/write/execute for current user.
9. Write a C program to find specific file in a specific directory using the file name passed in command line argument.
10. Write a program to print your name and surname in a file. Print the file descriptor, message and number of bytes written.
11. Print “hello world” from the program without use any printf or cout function.
12. open a file that does not exist(print the file descriptor value) and print the error number. Hint: use #include<errno.h> and extern int errno; for printing the error message.
13. write a program to open a file and print the file descriptor(Create the file if it does not exist). print error message in case of failure.
14. Open a file in current directory, print the file descriptor, and close the file descriptor(Print the success or failure for file close).
15. Write a program to open a file in read mode. set the cursor to 10th position in file. Print the current cursor position and read 6 bytes from the current cursor position. Print the bytes read.
16. Make two file descriptors of the same file using dup(). use both file descriptors to write different messages, and check if we can use them interchangeably.

Note:

- Use separate files for all exercised