Programming in Python Lab
BTCS 513-18

Experiment-7

Exercise on **Multithreading** in python.

1. Create a function that will generate ten text files. Ex. 1.txt, 2.txt ….. 10.txt. Each file has single digit 50 random numbers between 0 to 9. Each number is stored in new line of file. Numbers may repeat.
2. Create another function that will replace numbers in a text file. Every occurrence of 5 is replaced by 11 and every occurrence of 7 is replaced by 22 in the text file. Save the updated file.
3. Use multithreading to create sperate thread for every text file to perform replace operation on file.
4. Compare execution time with and without multithreading.

Note: Refer this URL to perform above exercise.

https://www.pythontutorial.net/python-concurrency/python-threading/