

## Practice 14 [Binary File Handling]

1. Create a list of 100 random elements in range -10000 to +100000. Perform following tasks on this list:
  - a. Open a new text file and write list into the file with space separators
  - b. Open a new binary file and write list into the binary file after packing
  - c. Go to drive and check size of both files

Repeat this procedure 3-4 times and note, each time there will be some change in size of text file; whereas size of binary file will remain same

2. Create a list of 100 random floating values, use following statement for floating point generation:  
elements = [float(r.randint(-100000,100000)+r.random()) for i in range(100)]
  - a. Open a new text file and write list into the file with space separators
  - b. Open a new binary file and write list into the binary file after packing using 'f' instead of i
  - c. Go to drive and check size of both files
3. Repeat same for double, just use 'd' instead of 'f'
4. Create a text file in notepad by copying any paragraph of your interest from internet. Open this file for reading in text mode and display each word in separate line.
5. Modify some word in this file through your program and open file in notepad to notice the results