Problem 01

You are given n number of integer.Now print those number;

Implement it using FILE.

Note: Follow those instruction:

1) Create a file named input.txt
2) Create a file named output.txt
3) Read input from input.txt
4) Write output in output.txt

Input.txt	Output.txt
1 2 3 4 5	1 2 3 4 5

Problem 02

You are given an integer n . Now print 1 to n .

Implement it using FILE.

Note: Follow those instruction:

1) Create file named input.txt
2) Create file named output.txt
3) Read input from input.txt
4) Write output in output.txt

Input.txt	Output.txt
10	1 2 3 4 5 6 7 8 9 10

Problem 03

Your are given an integer T,Number of test cases.
For every test case,the Input file contains several lines. Each line contains a single integer number n or –n.If you are given n , print n to –n , if you are given –n, print –n to n.

Implement this using FILE.

Note: Follow those instruction:

5) Create file named input.txt
6) Create file named output.txt
7) Read input from input.txt
8) Write output in output.txt

Input.txt	Output.txt
3 5 -5 2	5 4 3 2 1 0 -1 -2 -3 -4 -5 -5 -4 -3 -2 -1 0 1 2 3 4 5 2 1 0 -1 -2

Problem 04

You are given a positive integer n and n number of element. Now print the sum of last digit of the given n integers.

Implement this using FILE.

Note: Follow those instruction:

1) Create a file named input.txt
2) Create a file named output.txt
3) Read input from input.txt
4) Write output in output.txt

Input.txt	Output.txt
5 22 44 143 101 12	Sum = 12

Problem 05

Your are given a number N.Now,Print the following pattern

Implement this using FILE.

Note: Follow those instruction:

1) Create a file named input.txt
2) Create a file named output.txt
3) Read input from input.txt
4) Write output in output.txt

Input.txt	Output.txt
| 5 | ```
    #####
   #####
  #####
 #####
#####
``` |

Problem 06

You are given a year , you need to tell whether the given year is a leap year or not. If the given year is a leap year print YES otherwise print NO.

Note - A leap year is a year, occurring once every four years, which has 366 days including 29 February as an intercalary day.

Implement this using FILE.

Note: Follow those instruction:Create a file named input.txt

5) Create a file named output.txt
6) Read input from input.txt
7) Write output in output.txt
8) You have to save output history.

Hints: Check Module-33 (Video No)→**33-4 Usage Of Files Keeping A Log File**

Input.txt	Output.txt
2016	2016-->YES
2017	2016-->YES 2017-->NO
2024	2016-->YES 2017-->NO 2024-->YES

Explanation:

Input 1: For,2016 output is 2016→YES

Input 2: For 2017 output is 2016→YES(History of Input-1)

2017→NO

Input 3: For 2024 output is 2016→YES (History of input-1)

2017→NO (History of input-2)

2024→YES