**SESSION #2**

1. Chapter 4, 5, 13 – Java Complete Reference 9th edition – Herbert Schildt
2. [Basic I/O operations in Java](https://www.softwaretestinghelp.com/java/io-operations-in-java/)
3. [Operators in Java](https://www.geeksforgeeks.org/operators-in-java/)
4. [Decision making in Java](https://www.geeksforgeeks.org/decision-making-javaif-else-switch-break-continue-jump/)

**TASKS**

1. Find the maximum element of the 3 numbers (in float type) entered from console (Using if operator)
2. Find the minimum element of the 3 numbers (in short type) entered from console (Using ternary operator)
3. Enter 2 numbers (in int type) and 1 symbol (in char type) from console. If symbol is

‘+’ find sum of numbers,

‘-’ find subtraction of numbers,

‘\*’ find multiplication of numbers,

‘/’ find division of numbers (there is no division to zero). If the symbol none of above then print “Your choice is incorrect”

1. User will enter a symbol from console. Check the symbol is alphabet or not.
2. If symbol is alphabet then add another check. In the second check make changes in this logic: If symbol is lower case make it upper or symbol is upper case make it lower and print the result symbol
3. If symbol is not alphabet print the message like this “The symbol you entered is not alphabet”.

Example input 1: t -> output: T

Example input 2: D -> output: d

Example input 3: ^ -> output: The symbol you entered is not alphabet

1. Find the sum of following elements without using loop.

Input: 2, 5, 7, 8, 12, 11, 17, 14, 22, 17, … , 112, 71

Output: sum of above elements