1. **Maximum and Minimum**: Given a set of n natural numbers. Find out the maximum number and minimum number from the set without using python inbuilt max or min functions.

Eg:

**Input : {1,3,2,5,8,9,7}**

**Output: Max = 9, Min = 1**

1. **Get common elements in 2 Lists.** Checking if two lists share at least one common element

Eg:

**Input: a = [1,3,2,5,4,7,6,8,7,5,4] , b = [2,9,6,4]**

**Output: Common {2,6,4}**

**Input: a = [2,3,4], b = [5,6,7]**

**Output: Not common**

1. Check if a given string is **binary string** or not: Given string str. The task is to check whether it is a binary string or not.

**Input: str = "01010101010"**

**Output: Yes**

**Input: str = "geeks101"**

**Output: No**

1. **Sum of tuple elements.** Given a tuple of n numbers, outputs its sum.

Eg:

Input: A = (1,2,3)

Output: 6

1. **Test if tuple is distinct (i.e. without duplicates):** we have a problem in which we need to find if all elements of tuple are different.

Input : (1, 4, 5, 6, 1, 4)

output : False