

**Please attempt the below three programs in either Java or C++ :-**

- Write a program to check if two given String is Anagram of each other return true if Input string is anagram otherwise return false. (By the way, two String is called anagram, if they contain the same characters but in different order e.g. army and mary, stop and pots, etc. Anagrams are actually a mix-up of characters in String.) **[ATTEMPT MANDATORY]**
- Insert + or - signs anywhere between the digits 123456789 in such a way that the expression evaluates to 100. The order of the digits must not be changed.  
Sample solution:  $1 + 2 + 3 - 4 + 5 + 6 + 78 + 9 = 100$  (*DO NOT USE THIS COMBINATION*) **[ATTEMPT MANDATORY]**
- Write a program to transpose two matrices (3X3 or 4X4) and print the multiplication of the transposed matrices. **[ATTEMPT MANDATORY]**

**What are we looking for:**

- Code structure and understating of OOPs concepts.
- Problem solving approach.
- Understanding of programming languages.

**Code sharing:**

- To share the completed assignment code use GitHub and share the repository link with us