# Programming Assignment 1

Submission Deadline: `24/8/2017 11:59PM`

Programming Assignment 1 asks you to write and submit following two "C" programs.

## 1. Anagram

A 'C' Program that takes two string as input from the user and print Yes if two string are anagram to each other.
An anagram of a string is another string that contains same characters, only the order of characters can be different. For example, "abcd" and "dabc" are anagram of each other.

**Sample Input 1**
```
rat
car
```

**Sample Output 1**
```
No
```

**Sample Input 2**
```
anagram
nagaram
```

**Sample Output 2**
```
Yes
```

## 2. Adjugate matrix

A "C" Program that takes matrix of floating point numbers as input along with the dimensions of the matrix and compute Adjugate matrix.

**Sample Input 1**
```
2
3 3.5
3.2 3.6
```

**Sample Output 1**
```
3.6 -3.5
-3.2  3
```

**Sample Input 2**
```
3
1 2 3
0 1 4
5 6 0
```

**Sample Output 2**
```
-24 18 5
20 -15 -4
-5 4 1
```

*Note: The assignment submission should be a zip file containing exactly 2 files in the format <roll_no>_<question_number>_<firstname>.c eg. 2014020_1_priyank.c*