

# CTA ASSIGNMENTS 2020 -2021

## CLASS 10

### Assignment 10:

Write a program in Java which accepts a word from user and find duplicate characters in it and count how many duplicate characters present in it and display.

Sample input:

BeginnersBook.com

Sample Output:

Char e: 2

Char B: 2

Char n: 2

Char o: 3

### Assignment 11:

Write a program to store 6 elements in an array P, and 4 elements in an array Q and produce a third array R, containing all elements of array P and Q. Display the resultant array.

Input:

P[ ]	Q[ ]
4	19
6	23
1	7
2	8
3	
10	

Output:

R[ ]
4
6
1
2
3
10
19
23
7
8

### Assignment 12:

Write a program to accept a word and convert it into lowercase if it is in uppercase, and display the new word by replacing all vowels with the character following it.

Sample Input:

Income

jncpmf

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Instructions to be followed:

1. All assignments must be hand-written. None of the assignment will be typed in computer. Project file paper will be used to do the assignments.

2. Program and variable description table on rule side with black or blue pen only. White pages can be used for writing sample input and output. No other colour will be acceptable.

3. Each assignment will be scanned as a pdf file.

4. Following sequence will be maintained in a scanned pdf file for each assignment:

a) Question

b) Program

c) Sample Input and output

d) Variable description Table

5. PDF File Name will be as follows:

<Registartion No><space>Assignment<no.>

Example: 2222 Samadrita Basu Assignment10

6. Subject of the mail will be as follows:

<Registration No><space><Name><space><Assignment>10,11,12

Example: 2222 Samadrita Basu Assignment 10,11,12

7. Please send only one mail with three attachments for three assignments.

8. Submission date for Assignment10,11,12 will be on or before 2/10/2020

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