**University - Requirement 1**

The Government all these days were using paperwork to store data of University and Colleges that are available. Your organization has been given the opportunity to create an application to have an easy process for this. Go on and create an application. There are two major domains College and University.  
  
**Requirement 1:**

Let’s start off by creating two **College** objects and check whether they are equal.

1.    Create a **College** Class with the following attributes:

|  |  |
| --- | --- |
| **Member Field Name** | **Type** |
| name | String |
| website | String |
| mobile | String |
| founder | String |
| numberOfDept | Integer |
| location | String |
| startingDate | java.util.Date |

  2.    Mark all the attributes as private

3.    Create / Generate appropriate Getters & Setters

4.    Add a default constructor and a parameterized constructor to take in all attributes in the given order:   
**College(String name, String website, String mobile, String founder,Integer numberOfDept, String location, java.util.DatestartingDate)**

5.    When the “note” object is printed, it should display the following details: **[Override the toString method]**  
Print format:  
Name: "name"  
Website: "website"  
Mobile: "mobile"  
Founder: "founder"  
Number of Dept: "numberOfDept"  
Location: "location"  
Starting Date: "startingDate"

6.    Two colleges are considered same if they have the same name and startingDate. Implement the logic in the appropriate function. (Case – Insensitive)  
**[Override the equals method]**  
  
The input format consists of college details separated by comma in the below order,  
**name,website,mobile,founder,numberOfDept,location,startingDate**

The Input to your program would be details of two colleges, you need to display their details as given in "5th point(refer above)" and compare the two colleges and display whether they are same or different.  
  
**Note:**There is an empty line between display statements. Print the empty lines in the main method.

**Sample INPUT & OUTPUT 1:**   
Enter college 1 detail:  
**IIT Madras,www.iitm.ac.in,7845612390,iit,16,Madras,15-12-1959**  
Enter college 2 detail:  
**iit Madras,www.iitm.ac.in,7845612390,iit,16,Madras,15-12-1959**  
  
College 1:  
Name: IIT Madras  
Website: www.iitm.ac.in  
Mobile: 7845612390  
Founder: iit   
Number of Dept: 16  
Location: Madras  
Starting Date: 15-12-1959  
  
College 2:  
Name: iit Madras  
Website: www.iitm.ac.in  
Mobile: 7845612390  
Founder: iit   
Number of Dept: 16  
Location: Madras  
Starting Date: 15-12-1959  
  
College 1 is same as College 2   
  
**Sample INPUT & OUTPUT 2:**   
Enter college 1 detail:  
**SKCT,www.skct.edu.in,7402600200,BalaKrishna Naidu,6,kovaipudhur,20-05-1985**  
Enter college 2 detail:  
**SKCET,www.skcet.edu.in,7402452130,Vankantram,6,kuniamuthur,02-10-1995**  
  
College 1:  
Name: SKCT  
Website: www.skct.edu.in  
Mobile: 7402600200  
Founder: BalaKrishna Naidu  
Number of Dept: 6  
Location: kovaipudhur   
Starting Date: 20-05-1985  
  
College 2:  
Name: SKCET  
Website: www.skcet.edu.in  
Mobile: 7402452130  
Founder: Vankantram  
Number of Dept: 6  
Location: kuniamuthur   
Starting Date: 02-10-1995  
  
College 1 and College 2 are different

**Test Cases**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [Assign Groups](https://cognizant.e-box.co.in/problem/showTestcaseGroup/8262)   | **SNo** | **Name** | **Input** | **Output** | **Purpose** | **Sample** | | --- | --- | --- | --- | --- | --- | | 1 | TC 4 | IIT,www.iitm.ac.in,7845612390,iit,16,Madras,15-12-1959 IIT,www.iitd.ac.in,7845612456,iit,16,Delhi,10-02-1961 | Enter college 1 detail: Enter college 2 detail:  College 1: Name: IIT Website: www.iitm.ac.in Mobile: 7845612390 Founder: iit Number of Dept: 16 Location: Madras Starting Date: 15-12-1959  College 2: Name: IIT Website: www.iitd.ac.in Mobile: 7845612456 Founder: iit Number of Dept: 16 Location: Delhi Starting Date: 10-02-1961  College 1 and College 2 are different | General |  | | 2 | TC 3 | skct,www.skct.edu.in,7402600200,BalaKrishna Naidu,6,kovaipudhur,20-05-1985 SKCT,www.skct.edu.in,7402600200,BalaKrishna Naidu,6,kovaipudhur,20-05-1985 | Enter college 1 detail: Enter college 2 detail:  College 1: Name: skct Website: www.skct.edu.in Mobile: 7402600200 Founder: BalaKrishna Naidu Number of Dept: 6 Location: kovaipudhur Starting Date: 20-05-1985  College 2: Name: SKCT Website: www.skct.edu.in Mobile: 7402600200 Founder: BalaKrishna Naidu Number of Dept: 6 Location: kovaipudhur Starting Date: 20-05-1985  College 1 is same as College 2 | General |  | | 3 | TC 2 | SKCT,www.skct.edu.in,7402600200,BalaKrishna Naidu,6,kovaipudhur,20-05-1985 SKCET,www.skcet.edu.in,7402452130,Vankantram,6,kuniamuthur,02-10-1995 | Enter college 1 detail: Enter college 2 detail:  College 1: Name: SKCT Website: www.skct.edu.in Mobile: 7402600200 Founder: BalaKrishna Naidu Number of Dept: 6 Location: kovaipudhur Starting Date: 20-05-1985  College 2: Name: SKCET Website: www.skcet.edu.in Mobile: 7402452130 Founder: Vankantram Number of Dept: 6 Location: kuniamuthur Starting Date: 02-10-1995  College 1 and College 2 are different | General |  | | 4 | TC 1 | IIT Madras,www.iitm.ac.in,7845612390,iit,16,Madras,15-12-1959 iit Madras,www.iitm.ac.in,7845612390,iit,16,Madras,15-12-1959 | Enter college 1 detail: Enter college 2 detail:  College 1: Name: IIT Madras Website: www.iitm.ac.in Mobile: 7845612390 Founder: iit Number of Dept: 16 Location: Madras Starting Date: 15-12-1959  College 2: Name: iit Madras Website: www.iitm.ac.in Mobile: 7845612390 Founder: iit Number of Dept: 16 Location: Madras Starting Date: 15-12-1959  College 1 is same as College 2 | General |  | |