

Day 39 coding Statement: Write a Program to check if two strings are Anagram or not

Description: Get two strings as input from the user and check whether it is Anagram or not.

Input: sunlight thgiluns

Output: Anagram

Code :

```
import java.util.Scanner;
public class Day_39 {
    public static void main(String args[]) {
        System.out.print("Enter only two strings separated by space : ");
        Scanner sc = new Scanner(System.in);

        String str = sc.nextLine();
        String strs[] = str.split(" ");

        if (strs.length > 2) {
            System.out.println("please Enter two words ...");
            return;
        }

        char ch1[] = strs[0].toUpperCase().toCharArray();
        char ch2[] = strs[1].toUpperCase().toCharArray();

        int strl1 = strs[0].length();
        int strl2 = strs[1].length();

        if (strl1 == strl2) {
            for (int i = 0; i < strl1; i++) {
                for (int j = 0; j < strl2; j++) {
                    if (ch1[i] == ch2[j]) {
                        ch2[j] = '-';
                        break;
                    }
                }
            }
        }
    }
}
```

```

        }
    }
}
boolean isAnagram=false;
for (char c : ch2) {
    if (c == '-') {
        isAnagram=true;
    } else {
        isAnagram=false;
        break;
    }
}
if(isAnagram)
{
    System.out.println("Anagram");
}
else
{
    System.out.println("not Anagram");
}
}
}

```

Output :

```

C:\Users\DELL\Talent-Battle-100-Days-Coding-Series\Day_39\Java>javac Day_39.java

C:\Users\DELL\Talent-Battle-100-Days-Coding-Series\Day_39\Java>java Day_39
Enter only two strings separated by space : sunlight thgiluns
Anagram

C:\Users\DELL\Talent-Battle-100-Days-Coding-Series\Day_39\Java>java Day_39
Enter only two strings separated by space : rescue secure
Anagram

C:\Users\DELL\Talent-Battle-100-Days-Coding-Series\Day_39\Java>java Day_39
Enter only two strings separated by space : gun bun
not Anagram

C:\Users\DELL\Talent-Battle-100-Days-Coding-Series\Day_39\Java>java Day_39
Enter only two strings separated by space : good doog
Anagram

```