Technical Training(online)

Started on	Saturday, 18 April 2020, 11:21 AM
State	Finished
Completed on	Saturday, 18 April 2020, 5:31 PM
Time taken	6 hours 9 mins
Marks	34.70/41.00
Grade	**33.85** out of 40.00 (**85**%)

Correct

Mark 10.00 out of 10.00

For example:

Test	Input	Result
1	keep peek	keep and peek are anagrams
2	Mother In Law Hitler Woman	Mother In Law and Hitler Woman are anagrams

Answer: (penalty regime: 10, 20, ... %)

Language c

```c
#include <stdio.h>
#include<ctype.h>
#include <string.h>
int anag(char *s1,char *s2)
{
   int i, j,n,n1;
   char temp,a[20],b[20];
   strcpy(a,s1);
   strcpy(b,s2);
   n  = strlen(s1);
   n1 = strlen(s2);
   if( n != n1)
    {
      return 0;
   }
    for (i = 0; i < n-1; i++)
    {
      for (j = i+1; j < n; j++)
      {
         if (s1[i] > s1[j])
          {
            temp  = s1[i];
            s1[i] = s1[j];
```

	Test	Input	Expected	Got	
✔	1	keep peek	keep and peek are anagrams	keep and peek are anagrams	✔
✔	2	Mother In Law Hitler Woman	MotherInLaw and HitlerWoman are anagrams	MotherInLaw and HitlerWoman are anagrams	✔
✔	3	suresh java	suresh and java are not anagrams	suresh and java are not anagrams	✔

Passed all tests! ✔

Question author's solution:

```
public class AnagramString
{
    static void isAnagram(String str1, String str2)
    {
        String s1 = str1.replaceAll("\\s", "");
        String s2 = str2.replaceAll("\\s", "");
        boolean status = true;
        if (s1.length() != s2.length())
        {
            status = false;
        }
        else
        {
                char[] ArrayS1 = s1.toLowerCase().toCharArray();
                char[] ArrayS2 = s2.toLowerCase().toCharArray();
            Arrays.sort(ArrayS1);
            Arrays.sort(ArrayS2);
            status = Arrays.equals(ArrayS1, ArrayS2);
        }
        if (status)
        {
         System.out.println(s1 + " and " + s2 + " are anagrams");
        }
        else
        {
                System.out.println(s1 + " and " + s2 + " are not anagrams");
        }
        }
        public static void main(String[] args)
        {
                Scanner sc = new Scanner(System.in);
                String s1 = sc.nextLine();
                String s2 = sc.nextLine();
                isAnagram(s1,s2);
        }
}
//Author : Suresh
```

Correct

Marks for this submission: 10.00/10.00.

Correct

Mark 9.00 out of 10.00

For example:

Test	Input	Result
1	technical hub	u

Answer: (penalty regime: 10, 20, ... %)

Language c

```c
#include<stdio.h>
int maxChar(char *s) {
    int max = -1, i;
    for (i = 0; s[i] != '\0'; i++) {
        if (s[i] > max)
            max = s[i];
    }
    return max;
}
int main() {
    char s[100],max;
    scanf("%[^\n]s",s);
    max = maxChar(s);
    printf("%c",max);
    return 0;
}
```

	Test	Input	Expected	Got	
✔	1	technical hub	u	u	✔
✔	2	python programming	y	y	✔

Passed all tests! ✔

Question author's solution:

```python
#python code
n=input()
m=0
c=0
a=0
for i in n:
    m=ord(i)
    if m>c:
        c=m
        a=i
print(a)
# authors Ashok and Rajesh
```

Correct

Marks for this submission: 10.00/10.00. Accounting for previous tries, this gives **9.00/10.00**.

Correct

Mark 6.00 out of 10.00

Examples:

Input: aababababa

Output: Second most frequent character is : b

Input: GeeksforGeeks

Output: Second most frequent character is : G

Input: abcd

Output: No Second most frequent character

For example:

Test	Input	Result
1	aababababa	Second most frequent character is : b
2	GeeksforGeeks	Second most frequent character is : G

Answer: (penalty regime: 10, 20, ... %)

Language c

```c
#include <stdio.h>
char secondmostfreq(char *s){
    int count[256]={},i;
    char first='(',second='(';
    for(i=0;s[i]!='\0';i++){
        count[(int)s[i]]++;
    }
    for (i = 0; s[i]!='\0'; i++) {
        if(first==s[i])
            continue;
        if(count[(int)s[i]]>count[(int)first]){
            second=first;
            first=s[i];
        }
        else{
            if(count[(int)s[i]]>count[(int)second]){
                second=s[i];
            }
        }
    }
    if(count[(int)first]==count[(int)second]){
        return 0;
    }
```

	Test	Input	Expected	Got	
✔	1	aababababa	Second most frequent character is : b	Second most frequent character is : b	✔
✔	2	GeeksforGeeks	Second most frequent character is : G	Second most frequent character is : G	✔
✔	3	abcd	No Second most frequent character	No Second most frequent character	✔

Passed all tests! ✔

Question author's solution:

```
public class sec_most_freq_char
{
                    static final int NO_OF_CHARS = 256;
                    // finds the second most frequently occurring  char
                    static char getSecondMostFreq(String str)
                    {
                        // count number of occurrences of every character.
                        int[] count = new int[NO_OF_CHARS];
                        int i;
                        for (i=0; i< str.length(); i++)
                            (count[str.charAt(i)])++;
                        // Traverse through the count[] and find second highest
element.
                        int first = 0, second = 0;
                        for (i = 0; i < NO_OF_CHARS; i++)
                        {
                            // If current element is smaller than first then update
both first and second
                            if (count[i] > count[first])
                            {
                                second = first;
                                first = i;
                            }
                            // If count[i] is in between first and second then update
second
                            else if (count[i] > count[second] &&
                                     count[i] != count[first])
                                second = i;
                        }
                        return (char)second;
                    }
                    // Driver program to test above function
                    public static void main(String args[])
                    {
                        Scanner sc = new Scanner (System.in);
                      String str = sc.next();
                                  // GeeksforGeeks
                      char res = getSecondMostFreq(str);
                      if (res != '\0')
                         System.out.println("Second most frequent character is : " +
res);
                      else
                         System.out.println("No Second most frequent character");
            }
}
// Author : Suresh
```

Correct

Marks for this submission: 10.00/10.00. Accounting for previous tries, this gives **6.00/10.00**.

Correct

Mark 0.70 out of 1.00

Sample Input:

sudhir

reddy

Sample Output:

dddehirrsuy

For example:

Test	Input	Result
1	sudhir reddy	dddehirrsuy

Answer: (penalty regime: 10, 20, ... %)

Language c

```c
#include <stdio.h>
#include <string.h>
int main()
{
    char a[100], b[100];
    scanf("%s",a);
    scanf("%s",b);
    strcat(a,b);
    int n = strlen(a),i,j;
    char temp;
    for (i = 0; i < n-1; i++) {
      for (j = i+1; j < n; j++) {
         if (a[i] > a[j]) {
            temp = a[i];
            a[i] = a[j];
            a[j] = temp;
         }
      }
       }
    printf("%s", a);
}
```

	Test	Input	Expected	Got	
✔	1	sudhir reddy	dddehirrsuy	dddehirrsuy	✔
✔	2	ravi teja	aaeijrtv	aaeijrtv	✔
✔	3	siva prasad	aaadiprssv	aaadiprssv	✔
✔	4	phani kumar	aahikmnpru	aahikmnpru	✔

Passed all tests! ✔

Question author's solution:

```
#Python Code
s1=input()
s2=input()
s3=s1+s2
s3=sorted(s3)
s3=''.join(s3)
print(s3)
#Author Sudhir
```

Correct

Marks for this submission: 1.00/1.00. Accounting for previous tries, this gives **0.70/1.00**.

Correct

Mark 9.00 out of 10.00

Input: My name is Suresh

Output : mY nAME iS sURESH

input: i am expert in java

output : i aM eXPERT iN jAVA

input: FAMILIAR WITH RPA

output: fAMILIAR wITH rPA

For example:

Test	Input	Result
1	My name is Suresh	mY nAME iS sURESH
2	i am expert in java	i aM eXPERT iN jAVA

Answer: (penalty regime: 10, 20, ... %)

Language c

```c
#include<stdio.h>
#include<string.h>
char *  fun(char *s) {
    int i=0;
    if(s[i]>='A' && s[i]<='Z') {
        s[i]+=32;
    }
    i+=1;
    while(s[i]!='\0') {
        if (s[i-1]==' ') {
            if(s[i]>='A' && s[i]<='Z') {
                s[i]+=32;
            }
        }
        else if(s[i]>='a' && s[i]<='z') {
          s[i] -= 32;
        }
        i++;
     }
    return s;
}
int main() {
    char s[100], *res;
```

	Test	Input	Expected	Got	
✔	1	My name is Suresh	mY nAME iS sURESH	mY nAME iS sURESH	✔
✔	2	i am expert in java	i aM eXPERT iN jAVA	i aM eXPERT iN jAVA	✔
✔	3	FAMILIAR WITH RPA	fAMILIAR wITH rPA	fAMILIAR wITH rPA	✔

Passed all tests! ✔

Question author's solution:

```
public class Toggle_String
 {
                public static String toggle(String str)
                {
                    String words[]=str.split("\\s");
                    String toggle="";
                    for(String w:words)
                    {
                        String first=w.substring(0,1);
                        String afterfirst=w.substring(1);
                        toggle+=first.toLowerCase()+afterfirst.toUpperCase()+" ";
                    }
                    return toggle.trim();
                }
                public static void main(String[] args)
                {
                        Scanner sc = new Scanner(System.in);
                        String s1 = sc.nextLine();
                    System.out.println(Toggle_String .toggle(s1));
                }
}
// Author : Suresh
```

Correct

Marks for this submission: 10.00/10.00. Accounting for previous tries, this gives **9.00/10.00**.

Jump to...