

C_68 -> Briggian to Compare 2 strings

* Budylined function to compare the

character by character with the

SI> COMPUTER 3 strings one S2> COMPUTER equal

SI >> CPMPUTER]

SI >> CPMPUTER]

SI >> CPMPUTER]

rot equal

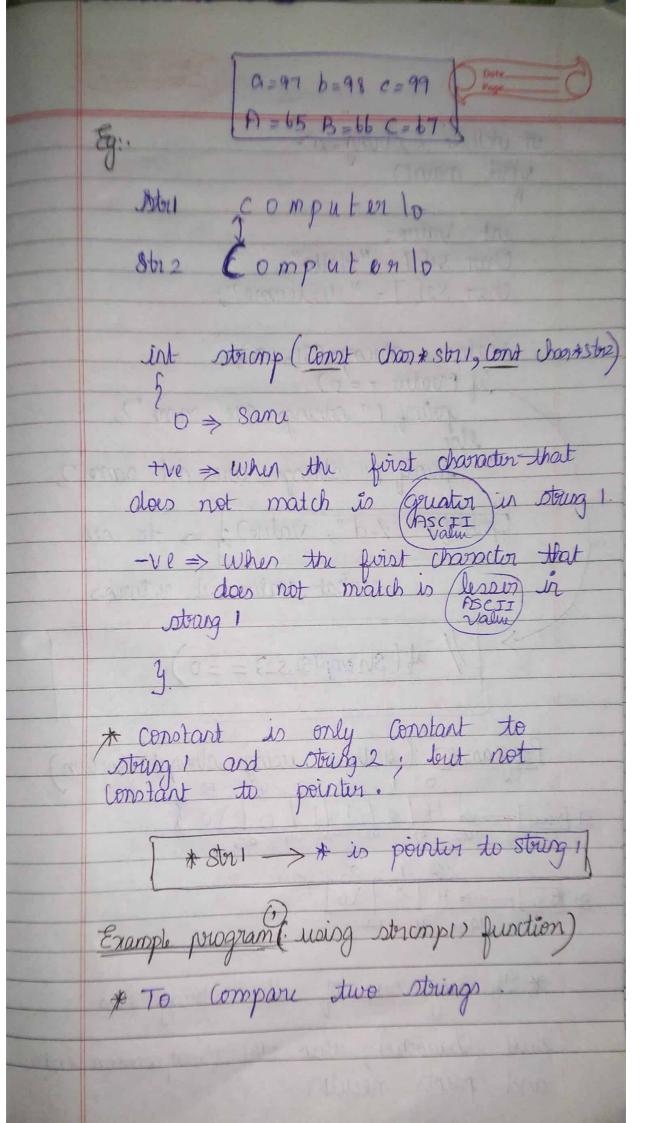
* Meaning of stromp() is defined in string. In header file, because compiler has to understand by reading this function.

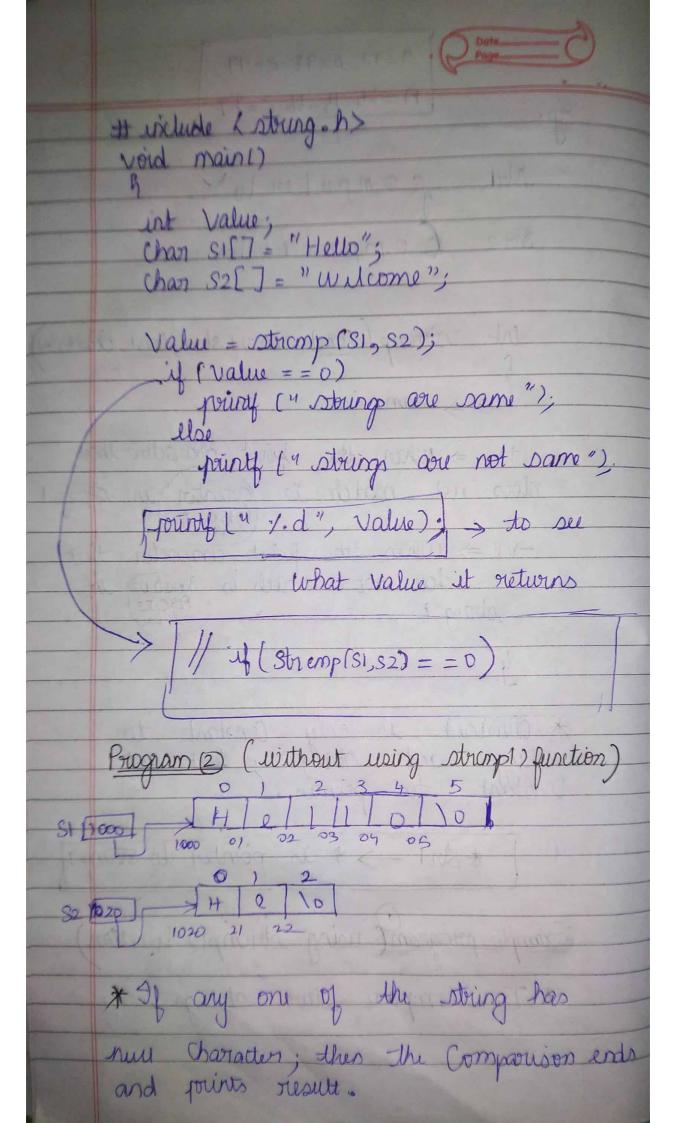
A strong() should return strings are equal or not.

int strong (const chan * stri, const chan * stri2)

1 0 > when both strungs are some

the place of the character comparison of the value of the value.





with 1, flag = 0; Chan SIET = "Hello"; Chan SIET = "Hi"; for(i=0, SI[i]!= 10' || S2[i]!= 10', i+1) if (s1[i]! = S2[i°])

h

flag = 1;

Juliak; if (flag == 1)

printy (" string are not same"). * For string comparison, in any toop

we give condition set with a

Character!= 100's NULL character because

compiler will understand a string having

space & 17ai Hello and Hailo both

white space & null we be compared as

same characters; so we get wrong

and hence if we specify a 100'

Character for comparison, compiler will

understand.

CODE 1:

```
#include <stdio.h>
 1
 2 #include <stdlib.h>
 3 #include <string.h>
 4 #define N 50
 5
    /** 1 - String compare without using strcmp() **/
 6
     int main()
 7 ⊟{
 8
     int i,flag=0;
 9
     char s1[N];
     char s2[N];
10
     printf("Enter string 1:");
11
12
     gets(s1);
     printf("Enter string 2:");
13
14
     gets(s2);
15 | for(i=0;s1[i]!='\0' || s2[i]!='\0';i++)
16 ⊟{
17
      if(s1[i]==s2[i])
18
      continue;
19
     flag=1;
20
      break;
21
      if(flag==1)
22
      printf("Strings are not same...\n");
23
      else
24
25
       printf("Strings are same...\n");
26
      getch();
27
28
```

■ "D:\1. C NOTEBOOK\C LANGUAGE\C PROGRAM!

Enter string 1:Hai Enter string 2:Hai Hello Strings are not same...

■ "D:\1. C NOTEBOOK\C LANGUAGE\C PROGRAMS

Enter string 1:Hai Hello Enter string 2:Hai Strings are not same...

■ "D:\1. C NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5_Jennys Lecture:

Enter string 1:Hello World Enter string 2:Hello World Strings are same...

SAME CODE 1:

```
#include <stdio.h>
     #include <stdlib.h>
     #include <string.h>
     #define N 50
 4
   /** 1 - String compare without using strcmp() **/
 5
 6
     int main()
 7 □{
 8
     int i,flag=0;
     char s1[N];
 9
     char s2[N];
10
     printf("Enter string 1:");
11
12
     qets(s1);
     printf("Enter string 2:");
13
14
     gets(s2);
15 | for(i=0;s1[i]!='\0' || s2[i]!='\0';i++)
17
         if(s1[i]!=s2[i])
18 🖨
          {
19
           flag=1;
20
           break;
21
22
23
    if(flag==1)
24
     printf("Strings are not same...\n");
25
    else
    printf("Strings are same...\n");
26
    getch();
27
28
29
```

CODE 2:

```
#include <stdio.h>
 2 #include <stdlib.h>
    #include <string.h>
    /** 2 - String compare using strcmp() **/
     int main()
 7 int value;
     char s1[30];
     char s2[30];
10
    printf("Enter string 1:");
11
     qets(s1);
12
     printf("Enter string 2:");
13
     qets(s2);
14
     value=strcmp(s1,s2);
15
     if (value==0)
     printf("Strings are same...\n");
16
17
18
     printf("Strings are not same....\n");
     printf("Value:%d", value);
19
20
21
     getch();
22
23
```

■ "D:\1. C NOTEBOOK\C LANGUAGE\C PROGRAMS\PART

```
Enter string 1:Hello World
Enter string 2:Hello World
Strings are same...
Value:0
```

■ "D:\1. C NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5_J

```
Enter string 1:Hello
Enter string 2:Hai
Strings are not same....
Value:1
```