

* To store the value we can use one int variable court and pount it. point = stilen (name);

yount (" string length is: 1.d", count); Example (2): the can also point length of the string without using strilen; function. * It can be done using loops. # include (stdio. b) // using while loop. # include Latring. A)

Void main!)

O 1 2 3 4 5 6 7 8

Void main!) int i g court = 0; chan rame [30];
printy ("Enter name:"); gets (rame); while (name[i]=10) 10 > Null Chanacter Count = count ++; // count ++; prival (" string lingth is : /d", count).

Example 3 # woulde & stain. B> Hischide Listing. B> chan name [30]; int i, count = 0;

printf (" Enter name: ");

gets (name);

for (i = 0; i \(\) 30; i + t) break; 3. Count = Count +1; [" String length is: 1.d", count);

CODE 1:

```
1 #include <stdio.h>
 2 #include <stdlib.h>
 3 #include <string.h>
   /** 1-STRING LENGTH **/
    /** strlen() functions are defined in string.h, so add string header file**/
   /** PROGRAM TO FIND STRING LENGTH USING strlen() **/
 7
     int main()
 9
         char name[30];
10
         int count;
         printf("Enter name:");
11
12
         gets(name);
13
         count=strlen(name);
         printf("String length or number of characters in string is:%d",count);
14
15
16
17
```

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```
Enter name:Hello World
String length or number of characters in string is:11_
```

CODE 2:

```
#include <stdio.h>
     #include <stdlib.h>
 3
    /** 2-STRING LENGTH **/
    /** PROGRAM TO FING STRING LENGTH USING strlen() **/
     /** USING WHILE LOOP **/
 6
     int main()
 7
    ₽{
 8
          char name[30];
 9
          int i=0, count=0;
10
          printf("Enter name:");
11
          gets(name);
12
          while (name [i] != ' \setminus 0 ')
13
14
          count=count+1;
15
           i++;
16
         printf("String length or number of characters in string is:%d",count);
17
18
          getch();
19
20
```

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```
Enter name:Hello World
String length or number of characters in string is:11
```

CODE 3:

```
1 #include <stdio.h>
     #include <stdlib.h>
   /** 3-STRING LENGTH **/
 3
    /** PROGRAM TO FING STRING LENGTH USING strlen() **/
 5
    /** USING for LOOP **/
 6
    int main()
 7
   □ {
 8
         char name [30];
 9
         int i, count=0;
10
         printf("Enter name:");
11
         qets(name);
12
         for(i=0;i<30;i++)
13
14
          if(name[i]=='\0')
15
16
          break;
17
18
          count=count+1;
19
20
         printf("String length or number of characters in string is:%d",count);
21
         getch();
22
```

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```
Enter name:Hello Jayanthi
String length or number of characters in string is:14
```

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```
Enter name:Hello World
String length or number of characters in string is:11_
```