

## 1. WAP to print length of string without len function

```
In [3]: 1 a=input("enter string")
        2 l=0
        3 for i in a:
        4     l=l+1
        5 print (l)
```

```
enter stringhello
5
```

## 2. WAP to remove iTH character from given string

```
In [10]: 1 a=input("Enter string")
        2 i=int(input("index to remove"))
        3 print (a[:i]+ a[i+1:])
```

```
Enter stringhello world
index to remove5
helloworld
```

## 3. WAP to count R in string"DARSHAN UNIVERSITY"

```
In [13]: 1 a="darshan university"
        2 print ("No. of r is",a.count("r"))
```

```
enter abcd
No. of r is 1
```

## 4. WAP to count vowels in a string

```
In [20]: 1 a=input("Enter string")
        2 print ("No. of vowels is",a.count("a")+a.count("e")+a.count("i")+a.count("o")+a.count("u"))
```

```
Enter stringaeiou AEIOU
No. of vowels is 10
```

## 5. WAP to print even length words in given string

```
In [25]: 1 a=input("Enter string")
          2 str=a.split(" ")
          3 for i in str:
          4     if (len(i)%2==0):
          5         print (i)
```

```
Enter stringis it you
is
it
```

## 6. WAP to check given string is palindrome or not

```
In [34]: 1 a=input("Enter string:")
          2 print ("palindrome" if (a[::-1]==a) else "non palindrome")
```

```
Enter stringhelleh
palindrome
```

## 7. WAP to do string slicing from left rotate and right rotate the given string by d elements(where $d \leq n$ )

```
In [39]: 1 a=input("Enter String")
          2 d=int(input("Enter Word Space"))
          3 l=len(a)
          4 print ("left",a[-d:]+ a[:-d])
          5 print ("right",a[d:]+ a[:d])
          6
```

```
Enter Stringhello
Enter Word Space1
right ohell
left elloh
```

## 8. WAP to reverse words in the string.

```
In [40]: 1 a=input("Enter String")
          2 s1=a.split(" ")
          3 for i in s1[::-1]:
          4     print (i)
```

```
Enter Stringhello world
world
hello
```

```
In [ ]: 1
```

