

Python for Data Science - 2305CS303

Lab - 4

Roll No. : 111

Name : Dhara Maru

1. WAP to check given string is palindrome or not.

```
In [1]: s = input("Enter any string : ")
revstr = s[::-1]
if revstr == s:
    print("String is palindrome")
else:
    print("String is not palindrome")
```

String is not palindrome

2.WAP to reverse the words in given string.

```
In [2]: s1 = input("Enter any string : ")
li = s1.split()
reverseli = li[::-1]
str=''.join(reverseli)
print(str)
```

MaruDhara

3.WAP to remove ith character from given string.

```
In [24]: s2 = input("Enter any string : ")
i = int(input("Enter index of character you wanna remove : "))
news3 = s2[:i] + s2[i+1:]
print(news3)
```

Enter any string : dhara

Enter index of character you wanna remove : 2

dhara

4. WAP to find length of String without using len function..

```
In [36]: s4 = input("Enter string : ")
i=0
for char in s4:
    i += 1
print(i)
```

Enter string : dhara
5

5. WAP to print even length word in string.

```
In [30]: s5 = input('Enter string : ')
l5 = s5.split(" ")
flag=0
for i in l5:
    if len(i) % 2 == 0:
        print(i)
        flag=1
if(flag==0):
    print("not even length word in given string")
```

Enter string : dhara maru
maru

6.WAP to count numbers of vowels in given string.

```
In [32]: s6 = input("Enter any string : ")
lows6 = s6.lower()
count=0
for i in s6:
    if i=='a' or i=='e' or i=='o' or i=='u' or i=='i':
        count = count + 1
print(count)
```

Enter any string : dhara
2

7. WAP to convert given array to string.

```
In [40]: l7 = ["La", "ilaaha", "ill", "allah", "Mohammed", "ar", "rasoolallah"]
s7 = ",".join(l7)
news7 = s7.replace(',', ' ')
print(news7)
```

La ilaaha ill allah Mohammed ar rasoolallah

8. Check if the password and confirm password is same or not.

In case of only case's mistake, show the error message.

```
In [35]: password = input("Enter password : ")
cpwd = input("Confirm password : ")
if cpwd == password:
    print("Account Created!")
else:
    print("Passwords do not match")
```

```
Enter password : dhara
Confirm password : Dhara
Passwords do not match
```