Darshan UNIVERSITY

योग: कर्मसु कौशलम्

Python for Data Science - 2305CS303

Lab - 4

Roll No. : 135

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

In [3]:
```
s = input("Enter String : ")
s2 = s[::-1]
if s==s2:
    print("Palidrone")
else:
    print("Not Palidrone")
```

```
Not Palidrone
```

2.WAP to reverse the words in given string.

In [20]:
```
S1 = input("Enter String : ")
x = S1.split()
r = x[::-1]
print(" ".join(r))
```

```
rathod nikhil
```

3.WAP to remove ith character from given string.

In [21]:
```
s1=input("Enter String : ")
i=3
res =s1[:i]+s1[i+1:]
print(res)
```

```
nikil
```

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

In [25]:
```
s1=input("Enter String : ")
res = sum(1 for i in s1)
print(res)
```

```
6
```

5. WAP to print even length word in string.

In [31]:
```
S1 = input("Enter String : ")
x = S1.split()
res = [s for s in x if len(s)%2==0]
ans = " ".join(res)
print(ans)
```

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

In [36]:
```
s1 = input("Enter String : ")
count = 0
for i in s1:
    if i in "aeiouAEIOU":
        count+=1
print(count)
```

```
3
```

7. WAP to convert given array to string.

In [40]:
```
a = ['abc','xyz','mno','qwe']
res = ' '.join(a)
print(res)
```

```
abc xyz mno qwe
```

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

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

In [39]:
```
s1 = input("Enter Password : ")
s2 = input("Enter Confirm Password : ")
if s1.casefold()==s2.casefold():
    print("Password Matched")
else:
    print("Password not Matched")
```

```
Password not Matched
```

In [ ]:
```
s1 = "@kjbflknklad_sjdk!hja&jbjkbsa"
```