

Python Assignment :Strings

1. Write a program to print your entered name in reverse order.

```
1 st="ShilpaKate"
2 st[::-1]
3 print(st[::-1])
```

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```
1 Word="Shilpakate"
2 stack=[]
3 reverse=[]
4 for char in Word:
5     if char not in stack:
6         stack.append(char)
7 while stack:
8     reverse.append(stack.pop())
9 result="".join(reverse)
10 print(result)
```

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2. Write a program to print every third character of entered string.

```
1 Word="Shilpakate"
2 print("Every thrid character of Entered string:=",Word[2])
```

Every thrid character of Entered string:= i

3. Write a program to find the number of characters present in string without using len()

```
1 Word="Shilpakate"
2 count=0
3 for char in Word:
4     count+=1
5 print("No of characters are:",count)
```

No of characters are: 10

4. Write a program to print the number of vowels present in entered string.

```
1 Word=" I love python , what about you?"
2 count=0
3 for char in Word:
4     if char in 'aeiouAEIOU':
5         count=count+1
6 print("No of vowels are:",count)
```

No of vowels are: 10

5. Write a program to find a character present in string or not? if present in which index it is present .and how many times it is present

```
1 Statement='Python is dynamic programming'
2 char=input("Enter character which have to serach:")
3 count=0
4 if char in Statement:
5     for i in Statement.lower():
6         if i==char:
7             count+=1
8     print(char,"is present at location:", Statement.index(char))
9     print("How many times",char,"is present:",count)
10 else:
11     print(char,'is not present')
12
```

```
Enter character which have to serach:p
p is present at location: 18
How many times p is present: 2
```