

Assignment - 15 Strings

1. Write a python script to create a String in 3 different possible ways.

```
s1="Tarun Pal"  
s2=""Tarun Pal""  
s3="""Tarun Pal"""  
print(s1,s2,s3)
```

Output:-

Tarun Pal Tarun Pal Tarun Pal

2. Write a python script to Get the characters from the start to position 5 (Given String “iNeuron” using the slice syntax).

```
s1="iNeuron"  
print(s1[:5:])
```

Output:-

iNeur

3. Write a python script to Get the characters from position 2 to position 5 (Given String “Hello Learners” using the slice syntax).

```
s1="Hello Learners"  
print(s1[1:6:])
```

Output:-

ello

4. Write a python script to demonstrate String Concatenation adding space in between (Given Strings a="Learning" b="Python").

```
a="Learning"  
b="Python"  
c=" "  
print(a+c+b)
```

Output:-

Learning Python

5. Write a python script to get the count of total number of characters in String a= "iNeuron".

```
a="iNeuron"  
print(len(a))
```

Output:-

7

6. Write a python script to reverse a String. ("iNeuron")

```
a="iNeuron"  
print(a[::-1])
```

Output:-

norueNi

7. Write a python script to determine whether a string contains a specific substring.

```
a="Life is what happens when you're busy making other plans."  
print("happens" in a)
```

Output:-

True

8. Write a python script to check if a string contains only numbers.

```
a="24567896"  
print(a.isdigit())
```

Output:-

True

9. Write a python script to check if a string contains only characters of the alphabet.

```
a="TarunPal"  
print(a.isalpha())
```

Output:-

True

10. Write a python script to convert an integer to a string.

```
a=45678  
b=str(a)  
print(type(b))
```

Output:-

<class 'str'>