

## #STRINGS

In [1]: `a="sarthak"`

In [2]: `a='sarthak'`

In [4]: `a='''sarthak'''`

In [5]: `a="the father of nation is 'm. gandhi'"`

In [7]: 

```
n=1
sum=0
while n!=0:
    n=int(input("Enter the number: "))
    sum=sum+n
print(sum)
```

Enter the number: 2  
Enter the number: 3  
Enter the number: 4  
Enter the number: 4  
Enter the number: 0  
13

In [8]: `a='''Is there anyone who doesn't love listening to stories? Right from our tod`



In [9]: `a`

Out[9]: "Is there anyone who doesn't love listening to stories? Right from our toddler days, we humans have this insatiable craving for tales, of the known and the unknown, that is satisfied first by our parents and then a plethora of other sources. Go through a host of fascinating stories from KidsGen, including fables and fairytales, moral stories, short stories, mythological stories, classic stories and your favourite - animal stories. If you love reading these interesting stories for kids, click here and share them with all your young friends. Have an enjoyable time!"

In [10]: `a="NMIMS"`

In [11]: `a[0::]`

Out[11]: 'NMIMS'

In [12]: `a[1::]`

Out[12]: 'MIMS'

```
In [13]: a[2::]
```

```
Out[13]: 'IMS'
```

```
In [14]: a[0:2]
```

```
Out[14]: 'NM'
```

```
In [15]: a[0::2]
```

```
Out[15]: 'NIS'
```

```
In [16]: a[0::1]
```

```
Out[16]: 'NMIMS'
```

```
In [21]: a[::-1]
```

```
Out[21]: 'SMIMN'
```

```
In [23]: a[-2:]
```

```
Out[23]: 'MS'
```

```
In [24]: a="sam"
```

```
In [27]: a="sam"*2
```

```
In [28]: a
```

```
Out[28]: 'samsam'
```

```
In [32]: q=a[::-1]  
q
```

```
Out[32]: 'masmas'
```

```
In [31]: q[1]
```

```
Out[31]: 'a'
```

```
In [35]: strg="NMIMS"  
print(strg[-5::2])
```

```
NIS
```

```
In [36]: f="aabra ka dabra"
```

```
In [52]: f.endswith("aabra ka dabra")
```

```
Out[52]: True
```

```
In [54]: f.find("k")
```

```
Out[54]: 6
```

```
In [56]: f.split()
```

```
Out[56]: ['aabra', 'ka', 'dabra']
```

```
In [58]: f
```

```
Out[58]: 'aabra ka dabra'
```

```
In [63]: f='aabra ka dabra'
```

```
In [64]: len(f)
```

```
Out[64]: 14
```

```
In [65]: f.strip()
```

```
Out[65]: 'aabra ka dabra'
```

```
In [66]: f.title()
```

```
Out[66]: 'Aabra Ka Dabra'
```

```
In [69]: f.upper()
```

```
Out[69]: 'AABRA KA DABRA'
```

```
In [70]: f.lower()
```

```
Out[70]: 'aabra ka dabra'
```

```
In [78]: "sartahk".join(f)  
k="sarthak@78gmail.com"
```

```
In [81]: k.islower()
```

```
Out[81]: True
```

```
In [82]: k.isupper()
```

```
Out[82]: False
```

```
In [84]: k.split()
```

```
Out[84]: ['sarthak@78gmail.com']
```

```
In [89]: k="Sarally2021"  
k.isalpha()
```

```
Out[89]: False
```

```
In [90]: str = "python"  
# Calling function  
str2 = str.isalpha()
```

```
In [91]: x="sAMashjI"
```

```
Out[91]: 'SamASHji'
```

```
In [93]: k.split()
```

```
Out[93]: ['Sarally2021']
```

```
In [99]: n="aaBra ka dabra"
```

```
In [100]: n.swapcase()
```

```
Out[100]: 'AAbRA KA DABRA'
```

```
In [101]: n.split()
```

```
Out[101]: ['aaBra', 'ka', 'dabra']
```

```
In [105]: n.find("a")
```

```
Out[105]: 0
```

```
In [106]: n
```

```
Out[106]: 'aaBra ka dabra'
```

```
In [111]: n.replace("B", "a")
```

```
Out[111]: 'aaara ka dabra'
```

```
In [112]: a="Dhan sabko pyara hai"
          a.replace("Dhan","Stan")
```

```
Out[112]: 'Stan sabko pyara hai'
```

```
In [114]: a.zfill(78)
```

[illegible]

```
In [117]: a.count(" ")
```

```
Out[117]: 3
```

```
In [132]: user=input("ENter")
```

## ENTersas

```
In [133]: y=user[::-1]
```

```
In [138]: user.reverse()
```

```
AttributeError                                Traceback (most recent call last)
~\AppData\Local\Temp\ipykernel_11008\3650188827.py in <module>
----> 1 user.reverse()
```

```
AttributeError: 'str' object has no attribute 'reverse'
```

```
In [135]: y
```

```
Out[135]: 'sas'
```

```
In [136]: if(user==y):
           print("string is palindromic")
       else:
           print("not palindromic")
```

```
string is palindromic
```

```
In [143]: a="Nmims is great"
          y=a.split()
          y
```

```
Out[143]: ['Nmims', 'is', 'great']
```

```
In [141]: for i in y:
          print(i[::-1])
```

```
smimN
si
taerg
```

```
In [147]: a="Meoww"
          print(len(a))
          if(len(a)%2==0):
              print(True)
          else:
              print(False)
```

```
5
False
```

```
In [149]: user = 'geeksforgeeks'
          print(len(user))
          halfstr = (len(user) // 2)
          res = ''
          for i in range(0,13):

              # uppercasing Later half
              if i >= halfstr:
                  res += user[i].upper()
              else:
                  res += user[i]

          # printing result
          print("The resultant string : " + (res))
```

```
13
The resultant string : geeksFORGEEKS
```

```
In [152]: a="saam"
          for i in a:
              print(k)
```

```
['', 'aam']
['s', '', 'm']
['s', '', 'm']
['saa', '']
```

```
In [153]: a="https://chutiya//abc.in"
```

```
In [172]: y=a.count("https://")
          y
```

```
Out[172]: 1
```

```
In [173]: if (y>=0):
           print("string has a url")
         else:
           print("no url")
```

string has a url

```
In [175]: a.find("a")
```

```
Out[175]: 14
```

```
In [178]: a="zabagsnw"
         y=sorted(a)
```

```
In [179]: y
```

```
Out[179]: ['a', 'a', 'b', 'g', 'n', 's', 'w', 'z']
```

```
In [180]: a.sort()
```

```
-----
AttributeError                                Traceback (most recent call last)
~\AppData\Local\Temp\ipykernel_11008\2629139315.py in <module>
----> 1 a.sort()
```

**AttributeError:** 'str' object has no attribute 'sort'

```
In [183]: a="sarthak is a good boy"
         u=a.count("good")
         if(u>=1):
             print("substring is +pnt")
         else:
             print("ye meri responsibliy nahi hai")
```

substring is +pnt

```
In [188]: y=a.split()
         y
```

```
Out[188]: ['sarthak', 'is', 'a', 'naughty', 'boy']
```

```
In [190]: a=[]
         for i in y:
             a.append(len(i))
```

```
In [191]: a
```

```
Out[191]: [7, 2, 1, 7, 3]
```

```
In [197]: u=a.sort()  
          print(u)
```

None

```
In [203]: a=["anushka","sarthak","bhavani","Aaditya","vinayak","Khushi","kautik","kartik"]
```



```
In [204]: for i in a:  
          print(len(i))
```

7  
7  
7  
7  
7  
6  
6  
6  
6  
6  
7  
6  
8  
6  
4  
5

```
In [ ]:
```