In [2]:

```
#Q1. Implement a python program to accept a string from user and apply all thestring method
str='sumit'
str.capitalize()
```

Out[2]:

```
'Sumit'
```

In [3]:

```
str1='Sumit'
str1.casefold()
```

Out[3]:

```
'sumit'
```

In [4]:

```
str1='Sumit'
str1.center(20,'@')
```

Out[4]:

```
'@@@@@@@Sumit@@@@@@@@'
```

In [6]:

```
str1='Sumit'
str1.count('t')
```

Out[6]:

```
1
```

In [7]:

```
str1='Sumit'
str1.encode()
```

Out[7]:

```
b'Sumit'
```

In [8]:

```
str1='Sumit'
str1.endswith('t')
```

Out[8]:

```
True
```

In [9]:

```
str2='SGU\tAtigre'
print(str2)
str2.expandtabs(2)
```

```
SGU     Atigre
```

Out[9]:

```
'SGU Atigre'
```

In [10]:

```
str1='Sumit'
print(str1)
str1.find('t')
```

```
Sumit
```

Out[10]:

```
4
```

In [11]:

```
str3= 'My name is {}'.format('Sumit')
print(str3)
```

```
My name is Sumit
```

In [12]:

```
student= {'Name': 'Sumit','Addr':'Kolhapur'}
print('{Name} {Addr}'.format_map(student))
```

```
Sumit Kolhapur
```

In [13]:

```
print(str1)
str1.index('m')
```

```
Sumit
```

Out[13]:

```
2
```

In [14]:

```
str1='Sumit'
str1.isalnum()
```

Out[14]:

```
True
```

In [15]:

```
str1='Sumit'
str1.isalpha()
```

Out[15]:

```
True
```

In [17]:

```
str1='Sumit'
str1.isascii()
```

Out[17]:

```
True
```

In [18]:

```
str1='Sumit'
str1.isdecimal()
```

Out[18]:

```
False
```

In [19]:

```
str1='Sumit'
str1.isdigit()
```

Out[19]:

```
False
```

In [20]:

```
str1='Sumit'
str1.isidentifier()
```

Out[20]:

```
True
```

In [21]:

```
str1='Sumit'
str1.islower()
```

Out[21]:

```
False
```

In [22]:

```
str1='Sumit'
str1.isnumeric()
```

Out[22]:

```
False
```

In [23]:

```
str1='Sumit'
str1.isprintable()
```

Out[23]:

```
True
```

In [24]:

```
str1='Sumit'
str1.isspace()
```

Out[24]:

```
False
```

In [25]:

```
str1='Sumit'
str1.istitle()
```

Out[25]:

```
True
```

In [26]:

```
str1='Sumit'
str1.isupper()
```

Out[26]:

```
False
```

In [27]:

```
str1='Sumit'
str.join('Kamble')
```

Out[27]:

```
'Ksumitasumitmsumitbsumitlsumite'
```

In [28]:

```
str1='Sumit'
str1.ljust(12,'@')
```

Out[28]:

```
'Sumit@@@@@@@'
```

In [29]:

```
str1='Sumit'
str1.lower()
```

Out[29]:

```
'sumit'
```

In [30]:

```
str1='Sumit'
str1.lstrip()
```

Out[30]:

```
'Sumit'
```

In [31]:

```
dict1={"a": "123","b": "456", "c":"789"}
str4="abc"
print(str4.maketrans(dict1))
```

```
{97: '123', 98: '456', 99: '789'}
```

In [33]:

```
firstString="abc"
secondString="def"
str4="abc"
print(str4.maketrans(firstString,secondString))
```

```
{97: 100, 98: 101, 99: 102}
```

In [34]:

```
str1=' Sumit'
str1.partition('um')
```

Out[34]:

```
(' S', 'um', 'it')
```

In [35]:

```
str1='Sumit'
str1.replace('S','s')
```

Out[35]:

```
'sumit'
```

In [36]:

```
str1='Sumit'
str1.rfind('t')
```

Out[36]:

```
4
```

In [37]:

```
str1='Sumit'
str1.rindex('t')
```

Out[37]:

```
4
```

In [38]:

```
str1='Sumit'
str1.rjust(12,'@')
```

Out[38]:

```
'@@@@@@@Sumit'
```

In [40]:

```
str1='SumitSumit'
str1.rpartition('um')
```

Out[40]:

```
('SumitS', 'um', 'it')
```

In [42]:

```
str1='Sumit'
str1.rsplit('mi')
```

Out[42]:

```
['Su', 't']
```

In [43]:

```
str4='Sumit\nPrabhakar\nKamble'
str4.splitlines()
```

Out[43]:

```
['Sumit', 'Prabhakar', 'Kamble']
```

In [45]:

```
str1='Sumit'
str1.startswith('A')
```

Out[45]:

```
False
```

In [46]:

```
str4='Sumit Kamble'
str4.strip()
```

Out[46]:

```
'Sumit Kamble'
```

In [47]:

```
str1='Sumit'
str1.swapcase()
```

Out[47]:

```
'sUMIT'
```

In [48]:

```
str1='sumit'
str1.title()
```

Out[48]:

```
'Sumit'
```

In [49]:

```
firstString="abc"
secondString="def"
str4="abc"
str5=str4.maketrans(firstString,secondString)
print(str5)
str4.translate(str5)
```

```
{97: 100, 98: 101, 99: 102}
```

Out[49]:

```
'def'
```

In [50]:

```
str1='sumit'
str1.upper()
```

Out[50]:

```
'SUMIT'
```

In [51]:

```
str1='sumit'
str1.zfill(3)
str1.zfill(1)
```

Out[51]:

```
'sumit'
```