In [1]:
```
#Python String Functions
```

In [19]:
```
# 1-find()      Searches the string for a specified value and returns the position of where it was found
str="I want to become a Python developer"
str.find("Python")
```

Out[19]: 19

In [12]:
```
#  2- index()   Searches the string for a specified value and returns the position of where it was found
str="I want to become a Python developer"
str.index("become")
```

Out[12]: 10

In [28]:
```
# 3 isalnum()   Returns True if all characters in the string are alphanumeric
str="12345"
str.isalnum()
```

Out[28]: True

In [30]:
```
# 4 isalpha()   Returns True if all characters in the string are in the alphabet
str="I"
str.isalpha()
```

Out[30]: True

In [37]:
```
# 5 isdecimal() Returns True if all characters in the string are decimals
str="\u0033"
str.isdecimal()
```

Out[37]: True

In [38]:
```
# 6 isdigit()   Returns True if all characters in the string are digits
str="1232456626"
str.isdigit()
```

Out[38]: True

In [49]:
```
# 7 center()    Returns a centered string
str="Python"
str.center(20)
```

Out[49]: '   Python   '

In [57]:
```
# 8 count()     Returns the number of times a specified value occurs in a string
str="I want to become a  Python developer"
str.count("o")
```

Out[57]: 4

In [58]:
```
# 9 encode()    Returns an encoded version of the string
str="I want to become a  Python developer"
str.encode()
```

Out[58]: b'I want to become a Python developer'

In [59]:
```
# 10 endswith() Returns true if the string ends with the specified value
str="I want to become a  Python developer"
str.endswith("developer")
```

Out[59]:
```
True
```

In [1]:
```
#format
```

In [2]:
```
b=5
st="batch"
print(st.format(b))
```

```
batch
```

In [3]:
```
str="Chirag Saxena"
print(len(str))
```

```
13
```

In [6]:
```
str="Chirag Saxena"
counter=0
for s in str:
    counter=counter+1
print("length is",counter)
```

```
length is 13
```

In [8]:
```
str="I am Chirag Saxena. I am from Bareilly which is famous for Bamboo and Manjha Making.Currently I am pursuing
if "Chirag" in str:
    print("yes")
else:
    print("No")
```

```
yes
```

In [21]:
```
st = "Hello Hello"
print(st.count("Hello"))
```

```
2
```

In [24]:
```
radius=float(input("Enter Radius"))
area=3.14*radius*radius
print(area)
```

```
Enter Radius5.5
94.985
```

In [3]:
```
for i in range(5):
    for j in range(5-i):
        print("*",end='')
    print("\n")
```

```
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```

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*

In [ ]:

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