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#write a python program in a string by using indexing, slicing, capitalize, title, count, replace,

#uppercase,lowercase,strip,rstrip,len,find , index, rindex, rstrip, length, find, max, min, partition methods

s="helloworld"

print(s)

print(type(s))

#slicing an element

s="helloworld"

print(s[1:4])

#capitalize an element

s="hello world"

print(s.capitalize())

#title of an element

s="ramakrishna"

print(s.title())

#count of an element

s="the sun rises"

print(s.count("s"))

#replace of an element

s="the rises in the west"

print(s.replace('west','east'))

#uppercase of an element

s="the nature is always beautiful"

print(s.upper())

print(s.lower())

#strip of an element

s="python is is very very easy"

print(s.strip())

print(s.lstrip("is"))
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s="python contains oops concept"
print(len(s))
#finding an element
s="is are very easy"
print(s.find("a"))
#indexing an element
#s="is are very"
print(s)
print(s.index("are"))
print(s.rindex("very"))
#maximum of an element
s="python for datascience ai development"
print(s)
print(max(s))
#partition of an element
s="java contains oops concept"
print(s.partition("oops"))
```