

Strings

Indexing and Slicing

```
a="hello world"
```

```
len(a)
```

```
11
```

```
a[0]
```

```
'h'
```

```
a[4]
```

```
'o'
```

```
a[5]
```

```
','
```

```
a[-1]
```

```
'd'
```

```
a[-3]
```

```
'r'
```

```
a[1:5]
```

```
'ello'
```

```
a[-5:-1]
```

```
'worl'
```

```
a[1:10:2]
```

```
'el ol'
```

```
a[:4]
```

```
'hell'
```

```
a[4:]
```

```
'o world'
```

```
a[-5:]
```

```
'world'
```

```
a[:-9]
```

'he'

a[::-1]

'hello world'

a[::-1]

'dlrow olleh'

a="hello world"

Methods

a.capitalize()

'Hello world'

a.count('e')

1

a.count('l')

3

a.upper()

'HELLO WORLD'

a="A blockchain is a type of Digital Ledger Technology (DLT) that consists of growing list of records, called blocks, that are securely linked together using cryptography"

a

'A blockchain is a type of Digital Ledger Technology (DLT) that consists of growing list of records, called blocks, that are securely linked together using cryptography'

a.count('a')

8

a='nielit patna'

a.capitalize()

'Nielit patna'

a.upper()

'NIELIT PATNA'

```
a.lower()
```

```
'nielit patna'
```

```
a.islower()
```

```
True
```

```
a.find('i')
```

```
1
```

```
a.split()
```

```
['nielit', 'patna']
```

```
a="we are at nielit patna"
```

```
a.split()
```

```
['we', 'are', 'at', 'nielit', 'patna']
```

```
a.split('e')
```

```
['w', ' ar', ' at ni', 'lit patna']
```

```
a='hello world'
```

```
a=a+'welcome'
```

```
a
```

```
'hello worldwelcome'
```

```
a="hello world"
```

```
a*3
```

```
'hello worldhello worldhello world'
```

```
a="hello world"
```

```
a="hey"+a
```

```
a
```

```
'heyhello world'
```

```
a=a[:6]+'hey'+a[6:]
```

```
a
```

```
'heyhelheylo world'
```

```
a="hello world"
```

```
a=a[:6]+'hey'+a[6:]
```

```
a
```

```
'hello heyworld'
```

```
a
```

```
'hello heyworld'
```

```
a="hello world"
```

```
a.split('w')
```

```
['hello ', 'orld']
```

```
a="inform"
```

```
a='A'+a[1:]
```

```
a
```

```
'Anform'
```