```
print(10,20,30)
print(10,20,30,sep='\n')
print(10)
print(20)
print(30)
```

```
10 20 30
10
20
30
10
20
30
```

```
print(10,2.89,'string',False)
```

```
10 2.89 string False
```

```
print(10,end='\n')
print(10,end='\nhello\n')
print(10)
print(10,"\n",20)
```

```
10
10
hello
10
10
 20
```

```
i=10
print(i)
```

```
10
```

```
print(10,2.89,'string',False)
print(10,2.89,'string',False,sep=' ')
print(10,2.89,'string',False,sep=' | ')
```

```
10 2.89 string False
10 2.89 string False
10 | 2.89 | string | False
```

```
print(end='abc\n')
print(sep='abc')
print(1,2,3,sep=' ')
print(1,2,3,sep=None)
```

```
abc

1 2 3
1 2 3
```

```
print(1,2,3,sep='*',4,5)
```

```
  File "<ipython-input-39-8595e980a47f>", line 1
    print(1,2,3,sep='*',4,5)
                          ^
SyntaxError: positional argument follows keyword argument
```

```
print('python')
print("python")
print('''python''')
print('',"python",'')
```

```
python
python
python
 python
```

```
print('"python"')
print("'''python'''")
print("'python'")
print("python")
print("python,@#$%^&* 23, 0.4")
```

```
"python"
'''python'''
'python'
python
python,@#$%^&* 23, 0.4
```

```
print("\"python\"")
print("\"pyt\hon\"")
```

```
"python"
"pyt\hon"
```

```
print("p\ny\thon")
```

```
p
y       hon
```

```
s = 'python'
n='django'
2
3.7
print(s,n)
```

```
python django
```

```
i = 100
x = 1
abc = 2
i1 = 3
i2 = 4
i_ = 5
abc_ = 6
a1_ = 7
_ = 7
_ = 100
ac=2
print(i,x,abc,i1,i2,i_,abc_,a1_,_,ac)
```

```
100 1 2 3 4 5 6 7 100 2
```

```
a=10
a=30
A=20
print(a,A)
```

```
30 20
```

```
s='python'
print(s[0],s[-3])
print(s[0:1])
print(s)
print('hello'[3])
```

```
p h
p
python
l
```

```
i = 10
i = 12
j = 'python'
i = 100
print(i)
print(type(i))
print(id(i))
print(len(j))
```

```
100
<class 'int'>
134555035422032
6
```

```
print(10,i,type(i),id(i),i)
```

```
10 100 <class 'int'> 134555035422032 100
```

```
s = 'python'
print(s[0:5])
```

```
pytho
```

```
print(s[4:4])
print(s[:])
print(s[-3:-1])
print(s[-1:-6])
print(s[-4:-3])
```

```
python
ho

t
```

```
print(s[:100]) # i
print(s[0:10]) # p
print(s[0:]) #
print(s[-5:5]) # error
print(s[-10:4]) # error
print(s[:len(s)])
```

```
python
python
python
ytho
pyth
python
```

```
print(s[1:5:1])
print(s[1:5:2])
print(s[1:5:100])
```

```
ytho
yh
y
```

```
print(s[1:5:-1])
print(s[-1:2:1])
print(s[-1:2:-1])
```

```

noh
```

```
print(s[::-1]) # no
print(s[-1:-7:-1])
print(s[::-2])
print(s[0::1]) # py
print(s[::])
print(s[-1:-7:]) # python
print(s[-6:6:-1]) # empty
print(s[-6:6:]) # python
```

```
nohtyp
nohtyp
nhy
python
python


python
```

```
s='python'
print(s,id(s))
print(s.upper())
s=s.upper()
print(s,id(s))
n=s.upper()  # n='PYTHON'
print(n,id(n))
```

```
python 136388711128880
PYTHON
PYTHON 136387668124784
PYTHON 136388504802096
```

```
s='Py23 tHo!@n'
print(s.upper())
```

```
PY23 THO!@N
```

```
s='python' # python
print(s.lower())
s='pYthOn' # python
print(s.lower())
s='py TH!@ 123 on' # py th!@ 123 on
print(s.lower())
```

```
python
python
py th!@ 123 on
```

```
s='python'
print(s.isupper()) # False
print(s.islower()) # True
s='pYthOn'
print(s.isupper()) # False
print(s.islower()) # False
s='py TH!@ 123 on'
print(s.isupper()) # False
print(s.islower()) # False
```

```
False
True
False
False
False
False
```

```
s='hyderabad'
print(s.title())
s='Hyderabad'
print(s.title())
s='hyderabad123'
print(s.title())
s='hyderaBad123'
print(s.title())
s='123hyderabad123'
print(s.title())
s='123hydera bad123'
print(s.title())
```

```
Hyderabad
Hyderabad
Hyderabad123
Hyderabad123
123Hyderabad123
123Hydera Bad123
```

```
s='hyderabad'
print(s.capitalize())
s='Hyderabad'
print(s.capitalize())
s='hyderabad123'
print(s.capitalize())
s='hyderaBad123'
print(s.capitalize())
s='123hyderabad123'
print(s.capitalize())
s='123hydera bad123'
print(s.capitalize())
s='good morning'
print(s.capitalize())
s='Good Morning'
print(s.capitalize())
```

```
Hyderabad
Hyderabad
Hyderabad123
Hyderabad123
123hyderabad123
123hydera bad123
Good morning
Good morning
```

```
s='hyderabad'
print(s.isalpha())
s='Hyderabad'
print(s.isalpha())
s='hyderabad123'
print(s.isalpha())
s='hyderaBad123'
print(s.isalpha())
s='123hyderabad123'
print(s.isalpha())
s='123hydera bad123'
print(s.isalpha())
s='good morning'
print(s.isalpha())
s='Good Morning'
print(s.isalpha())
```

```
True
True
False
False
False
False
False
False
```

```
s='hyderaBad123'
print(s.isdigit())
s='123123'
print(s.isdigit())
s='123hydera bad123'
print(s.isdigit())
s='good morning'
print(s.isdigit())
```

```
False
True
False
False
```

```
s='hyderaBad123'
print(s.isalnum())
s='123123'
print(s.isalnum())
s='123hydera bad123'
print(s.isalnum())
s='good morning'
print(s.isalnum())
s='Good@Morning'
print(s.isalnum())
```

```
True
True
False
False
False
```

```
s='hyderaBad123'
print(s.count('h')) # 1
s='123123'
print(s.count('1')) # 2
s='123hydera bad123'
print(s.count(' ')) # 1
s='good morning'
print(s.count('o')) # 3
s='Good@Moorning'
print(s.count('@')) # 1
print(s.count('oo')) # 2
s='Goood@Moorning'
print(s.count('oo')) # 2
```

```
1
2
1
3
1
2
2
```

```
s = 'python' # pythoN
print(s[::-1].title()[::-1]) # nohtyp - Nohtyp - pythoN
```

```
pythoN
```

```
s='Good@Moorning'
print(s.replace('@',' '))
s='Goood@Moorning'
print(s.replace('ooo','oo'))
```

```
Good Moorning
Good@Moorning
```

```
s='Good Morning'
# good morning
# Good morning
# good morning
# goodmorning
# Morning Good
```

```
s='Good Morning'
print(s[::-1].lower()[::-1])
s='Good Morning'
print(s[::1].capitalize()[::1])
s='Good Morning'
print(s[::1].lower()[::1])
s='Good Morning'
print(s.lower().replace(' ',''))
print(s[5:]+' '+s[:5])
```

```
good morning
Good morning
good morning
goodmorning
Morning Good
```

```
s = 'good morning'
print(s.replace('o','O'))
s = 'good morning'
print(s.replace('oo','OO'))
```

```
gOOd mOrning
gOOd morning
```

```
s = 'good morning'
print(s.replace('o','O',1))
print(s.replace('o','O',2))
print(s.replace('o','O',4))
print(s.replace('o','O',0))
print(s.replace('o','O',-2))
print(s.replace('o','O',-1))
print(s.replace('o','O',-3))
```

```
gOod morning
gOOd morning
gOOd mOrning
good morning
gOOd mOrning
gOOd mOrning
gOOd mOrning
```

```
s = 'python'
print(s.startswith('p'))
print(s.startswith('y'))
print(s.startswith('y',1))
```

```
True
False
True
```

```
s = 'python' #nohtyp
print(s[::-1].startswith('n'))
print(s[::-1].startswith('p'))
print(s[::-1].startswith('p',5))
print(s.startswith('py'))
print(s.startswith('py',0,5))
print(s[::-1].startswith('p'))
```

```
True
False
True
True
True
```

```
False
```

```
s = 'python'
print(s.endswith('n'))
print(s.endswith('o',0,5))
```

```
True
True
```

```
s = 'python'
print(s.center(10,'*'))
print(s.center(11,' '))
print(s.center(10,'-'))
s = 'java script'
print(s.center(20,'a'))
print(s.center(21,'1'))
print(s.center(21,'-'))
```

```
**python**
   python
--python--
aaaajava scriptaaaaa
11111java script11111
-----java script-----
```

```
s = 'hello, good morning'
print(s)
```

```
hello, good morning
```

```
s = 'hello, good'
print(s.format('morning'))
s = 'hello, good {}'
print(s.format('morning'))
s = '{} {} {}'
print(s.format('123','good','evening'))
s = '{} {} {} {}'
print(s.format('hello','good','evening','everyone'))
```

```
hello, good
hello, good morning
123 good evening
hello good evening everyone
```

```
s = '{} {} {} {} {}'
print(s.format('hello','good','evening','everyone'))
```

```
---------------------------------------------------------------------------
IndexError                                Traceback (most recent call last)
<ipython-input-47-b5314abd72d5> in <cell line: 2>()
      1 s = '{} {} {} {} {}'
----> 2 print(s.format('hello','good','evening','everyone'))

IndexError: Replacement index 4 out of range for positional args tuple
```

```
s = 'I have {2}, {0} and {1} notes'
print(s.format(10,20,50))
```

```
I have 50, 10 and 20 notes
```

```
s = 'I have {2} {0} and {} notes'
print(s.format(10,20,50))
```

```
---------------------------------------------------------------------------
ValueError                                Traceback (most recent call last)
<ipython-input-51-9b0b8fe0ff70> in <cell line: 2>()
      1 s = 'I have {2} {0} and {} notes'
----> 2 print(s.format(10,20,50))

ValueError: cannot switch from manual field specification to automatic field
numbering
```

```
s = 'I have {2}, {1} and {3} notes'
print(s.format(10,20,50))
```

```
---------------------------------------------------------------------------
IndexError                                Traceback (most recent call last)
<ipython-input-53-952c11f226c1> in <cell line: 2>()
      1 s = 'I have {2}, {1} and {3} notes'
----> 2 print(s.format(10,20,50))

IndexError: Replacement index 3 out of range for positional args tuple
```

```
s = 'I have {0}, {0} and {0} notes'
print(s.format(10))
```

```
I have 10, 10 and 10 notes
```

```
s = 'I have {0} {0} and {1} notes'
print(s.format(10,20))
```

```
I have 10 10 and 20 notes
```

Start coding or generate with AI.