```python
In [1]: str="hello welcome you all"
```

```python
In [2]: print(str)
```
hello welcome you all

```python
In [3]: str*2
```
Out[3]: 'hello welcome you allhello welcome you all'

```python
In [4]: str*4
```
Out[4]: 'hello welcome you allhello welcome you allhello welcome you allhello welcome you all'

```python
In [5]: len(str)
```
Out[5]: 21

```python
In [6]: str.find('hel')
```
Out[6]: 0

```python
In [7]: str.find('hello')
```
Out[7]: 0

```python
In [8]: str.find('come')
```
Out[8]: 9

```python
In [9]: str.find('welcome')
```
Out[9]: 6

```python
In [10]: str.find('cse')
```
Out[10]: -1

```python
In [11]: str.upper()
```
Out[11]: 'HELLO WELCOME YOU ALL'

```python
In [12]: str.lower()
```
Out[12]: 'hello welcome you all'

```python
In [13]: str[-3:]
```
Out[13]: 'all'

```python
In [14]: str[0::2]
```
Out[14]: 'hlowloeyual'

```python
In [15]: str in ['hello']
```
Out[15]: False

```python
In [16]: 'hello' in str
```
Out[16]: True

```python
In [18]: str[2:len(str)-4+4-4+2-3*2-15]
```
Out[18]: 'llo welcome you a'

```python
In [20]: for i in range(1,25,2):
             print(i)
```
1
3
5
7
9
11
13
15
17
19
21
23

```python
In [21]: a=4
```

```python
In [23]: for i in range(1,25,a-2+4-3):
             print(i)
```
1
4
7
10
13
16
19
22

```python
In [24]: for i in range(5,101,5):
             print(i)
```
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100

```python
In [25]: list1=[12,15,39.54,'hello',[12,23,25,13,[16,'welcome',72],'CSE']]
```

```python
In [26]: list1
```
Out[26]: [12, 15, 39.54, 'hello', [12, 23, 25, 13, [16, 'welcome', 72], 'CSE']]

```python
In [27]: list1[0]
```
Out[27]: 12

```python
In [28]: list1[3]
```
Out[28]: 'hello'

```python
In [37]: list1[4][1]
```
Out[37]: 23

```python
In [38]: list1[4][4]
```
Out[38]: [16, 'welcome', 72]

```python
In [31]: list1[4][4][1]
```
Out[31]: 'welcome'

```python
In [32]: list1[4][4][1][3:7]
```
Out[32]: 'come'

```python
In [36]: list1[4][5][1:]
```
Out[36]: 'SE'

```python
In [40]: s1='CSE'
         str+s1
```

```python
In [42]: str+" "+s1
```
Out[42]: 'hello welcome you all CSE'

```python
In [43]: str.replace('welcome','come')
```
Out[43]: 'hello come you all'

```python
In [ ]:
```