

▼ Multi-Threading

```
for i in range(1,11):
    print(i,end=' ')
print()
for i in range(40,51):
    print(i,end=' ')

1 2 3 4 5 6 7 8 9 10
40 41 42 43 44 45 46 47 48 49 50
```

```
def mycode1():
    for i in range(1,11):
        print(i,end=' ')
```

```
def mycode2():
    for i in range(40,51):
        print(i,end=' ')
```

```
mycode1()
print()
mycode2()
```

```
1 2 3 4 5 6 7 8 9 10
40 41 42 43 44 45 46 47 48 49 50
```

```
from time import sleep
def mycode1():
    for i in range(1,11):
        print(i,end=' ')
        sleep(1)
```

```
def mycode2():
    for i in range(40,51):
        print(i,end=' ')
        sleep(1)
```

```
mycode1()
print()
mycode2()
```

```
1 2 3 4 5 6 7 8 9 10
40 41 42 43 44 45 46 47 48 49 50
```

```
from time import sleep
from threading import *
def mycode1():
    for i in range(1,11):
        print(i,end=' ')
        sleep(1)
```

```
def mycode2():
    for i in range(40,51):
        print(i,end=' ')
        sleep(1)
```

```
# create threads
t1 = Thread(target=mycode1)
t2 = Thread(target=mycode2)
```

```
# start threads
t1.start()
t2.start()
```

```
1 40
```

```
from time import sleep
from threading import *
def mycode1():
    for i in range(1,11):
        print(i,end=' ')
        sleep(1)
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def mycode2():
    for i in range(40,51):
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        sleep(1)
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# create threads
t1 = Thread(target=mycode1)
t2 = Thread(target=mycode2)
```

```
# start threads
t1.start()
t2.start()
```

```
# wait for child threads work completion
```

```
t1.join()
t2.join()
```

```
1 40 2 41 3 42 4 43 544 45 6 46 7 47 8 48 9 49 10 50
```

```
from time import sleep
from threading import *
def mycode1():
    for i in range(1,11):
        print(i)
        sleep(1)
```

```
def mycode2():
    for i in range(40,51):
        print(i)
        sleep(1)
```

```
# create threads
t1 = Thread(target=mycode1)
t2 = Thread(target=mycode2)
```

```
# start threads
t1.start()
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```

```
# wait for child threads work completion
```

```
t1.join()
```

```
t2.join()
```

```
1  
40  
2  
41  
3  
42  
4  
43  
5  
44  
6  
45  
7  
46  
8  
47  
9  
48  
10  
49  
50
```

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