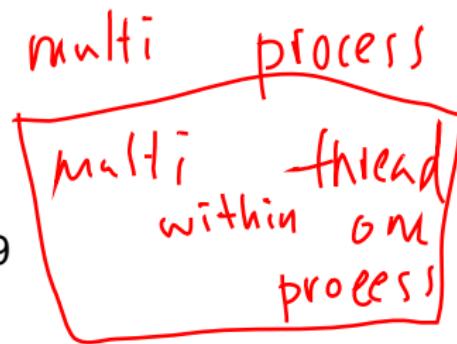


Threads

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```
1 class HelloThread extends Thread {  
2     int num;  
3     HelloThread(int n){ num = n; }  
4     public void run() {  
5         for(int t = 0; t < 10; t++)  
6             System.out.println(t + ":_Hello_from_thread_" + num);  
7     }  
8 }  
9  
10 public class ThreadDemo{  
11     public static void main(String [] argv){  
12         for(int i=0;i<3;i++){  
13             HelloThread t = new HelloThread(i );  
14             t.start();  
15         }  
16     }  
17 }
```

```
1 class HelloRunnable implements Runnable {
2     int num;
3     HelloRunnable(int n){ num = n; }
4     public void run() {
5         for(int t = 0; t < 10; t++)
6             System.out.println(t + ":Hello_from_thread_" + num);
7     }
8 }
9
10 public class ThreadDemo{
11     public static void main(String [] argv){
12         for(int i=0;i<3;i++){
13             HelloRunnable r = new HelloRunnable(i );
14             Thread t = new Thread(r);
15             t.start();
16         }
17     }
18 }
```

```
1 public class ThreadDemo{  
2     public static void main(String [] argv) throws InterruptedException {  
3         for(int i=0;i<10;i++){  
4             System.out.println(i);  
5             Thread.sleep(1000);  
6         }  
7     }  
8 }  
9 }
```

```
1 class HelloThread extends Thread {
2     int num;
3     HelloThread(int n){ num = n; }
4     public void run() {
5         for(int t = 0; t < 10; t++){
6             System.out.println(t + ":Hello_from_thread_" + num);
7             try{
8                 Thread.sleep(500);
9             }
10            catch(InterruptedException e){
11                System.out.println("interrupted");
12            }
13        }
14    }
15 }
16
17 public class ThreadDemo{
18     public static void main(String [] argv){
19         for(int i=0;i<3;i++){
20             HelloThread t = new HelloThread(i );
21             t.start();
22         }
23     }
24 }
```

```
1 class HelloThread extends Thread {  
2     int num;  
3     HelloThread(int n){ num = n; }  
4     public void run() {  
5         for(int t = 0; t < 10; t++){  
6             System.out.println(t + ":" + "Hello_from_thread_" + num);  
7         }  
8     }  
9 }  
10  
11 public class ThreadDemo{  
12     public static void main(String [] argv) throws InterruptedException{  
13         for(int i=0;i<3;i++){  
14             HelloThread t = new HelloThread(i);  
15             t.start();  
16             t.join();  
17         }  
18     }  
19 }
```

// 等 t 做完 再继续