

مثالی از نوشتن کد مطلب درون یک نوشتار:

```
1 clc
2 clear all
3 close all
4
5 % define a continuous function
6 f = '4*sin(2*pi*t)';
7
8 % plot a figure
9 ezplot(f);
```

مثالی دیگر از نوشتن کد مطلب در یک نوشتار:

```
1 clc
2 clear all
3 close all
4
5 % Define a continuous function
6 f = '4*sin(2*pi*t)';
7
8 % Sampling frequency
9 Fs = .05;
10
11 % duration = 1 sec (0 to 1 sec)
12
13 % Number of samples
14 symNum = 1/Fs;
15
16 % Samples
17 samples = zeros(1,symNum);
18
19 % Sampling
20 counter = 1;
21 for t=0:.05:1
22
23     samples(counter) = subs(f,t);
24     counter = counter + 1;
25
26 end
```

مثالی از نوشتن یک کد JAVA درون یک نوشتار:

```
/**
 * Allocate a new lottery thread queue.
 */
public ThreadQueue newThreadQueue(boolean transferPriority) {
    return new LotteryQueue(transferPriority);
}
```

```

protected class LotteryQueue extends ThreadQueue{
    public boolean transP;
    private LinkedList<KThread> waitingUser;

    public LotteryQueue(boolean transP){
        this.transP = transP;
        waitingUser = new LinkedList<KThread>();
    }

    public void acquire(KThread thread) {
        Lib.assertTrue(Machine.interrupt().disabled());
        getThreadState(thread).acquire(this);
    }

    public KThread nextThread() {
        Lib.assertTrue(Machine.interrupt().disabled());
        if(waitingUser.size() < 1){
            return null;
        }else{
            int totalTickets;
            if(transP){
                totalTickets = getTotalEffectiveTickets();
            }else{
                totalTickets = getSumCard();
            }

            int lotteryNumber = new Random().nextInt(totalTickets);
            Collections.sort(waitingUser, new Comparator<KThread>(){
                });

            return null;
        }
    }
}

```