



```
1 Task task1 = new Task(  
2     20,  
3     20,  
4     List.of(  
5         new Chunk(  
6             1,  
7             new ConstantSampler(new BigDecimal(10)),  
8             new UniformSampler(new BigDecimal(0), new BigDecimal(1))));  
9 Task task2 = new Task(  
10    60,  
11    60,  
12    List.of(  
13        new Chunk(  
14            1,  
15            new ConstantSampler(new BigDecimal(5)),  
16            new ConstantSampler(new BigDecimal(1)),  
17            new Chunk(2, new ConstantSampler(new BigDecimal(4))),  
18            new Chunk(3, new ConstantSampler(new BigDecimal(3))));  
19 TaskSet taskSet = new TaskSet(Set.of(task1, task2));  
20 PriorityCeilingProtocol pcp = new PriorityCeilingProtocol();  
21 Scheduler rm = new RMScheduler(taskSet, pcp, 60);  
22 rm.schedule();
```