



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