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1  -----Schedulable.java-----
2  package com.ameya.tasks;
3
4  import java.util.Date;
5
6  public class Schedulable implements Runnable {
7
8      private String name;
9      public Schedulable(String name) {
10         this.name=name;
11     }
12
13     @Override
14     public void run() {
15         try {
16             System.out.println("Executing Task => "+name+" - Time - "+new
17                 Date());
18         }catch(Exception e) {
19             e.printStackTrace();
20         }
21     }
22
23 }
24 -----TestScheduledThreadPoolExecutor.java-----
25 package com.ameya.test;
26
27 import java.util.Date;
28 import java.util.concurrent.Executors;
29 import java.util.concurrent.ScheduledExecutorService;
30 import java.util.concurrent.ScheduledFuture;
31 import java.util.concurrent.TimeUnit;
32
33 import com.ameya.tasks.Schedulable;
34
35 public class TestScheduledThreadPoolExecutor {
36
37     public static void main(String[] args) {
38         ScheduledExecutorService
39             executor=Executors.newScheduledThreadPool(2);
40         Schedulable task1=new Schedulable("Scheduled Task 1");
```

```
40     Schedulable task2=new Schedulable("Scheduled Task 2");
41     System.out.println("The Time is :: "+new Date());
42     executor.schedule(task1, 5, TimeUnit.SECONDS);
43     executor.schedule(task2, 10, TimeUnit.SECONDS);
44     //ScheduledThreadPoolExecutor.javaScheduledFuture<?>
    result=.executor.scheduleAtFixedRate(task1,5, 10,
    TimeUnit.SECONDS);
45     try {
46         executor.awaitTermination(1, TimeUnit.DAYS);
47     }catch(InterruptedException e) {
48         e.printStackTrace();
49     }
50     executor.shutdown();
51 }
52
53 }
54
```