プログラミングⅢ レポート3

提出日：2019/06/17

2EP3 – 59 宮澤　瑛至

1. **ソースコード**

import java.time.LocalTime;

import java.time.format.DateTimeFormatter;

import java.util.Random;

class MyThread implements Runnable {

public void run(){

Random random = new Random();

long id = Thread.currentThread().getId();

DateTimeFormatter dateFormatter = DateTimeFormatter.ofPattern("HH:mm:ss");

String startTime = dateFormatter.format(LocalTime.now());

try{

long s = random.nextInt(9) + 2;

Thread.sleep(1000 \* s);

String endTime = dateFormatter.format(LocalTime.now());

System.out.printf("%2d start %s wait %2d end %s\n", id, startTime, s, endTime);

}catch(InterruptedException e){

System.out.println(e);

}

}

}

public class Report3{

public static void main(String[] args) {

MyThread t = new MyThread();

Thread[] threads = new Thread[30];

for(int i = 0; i < threads.length; i++) threads[i] = new Thread(t);

for(int i = 0; i < threads.length; i++) threads[i].start();

for(int i = 0; i < threads.length; i++){

try{

threads[i].join();

}catch(InterruptedException e){

System.out.println(e);

}

}

System.out.println("Program end");

}

}

1. 出力

