```java
public void run() {
  int me = ThreadID.get();
  tdBarrier.setActive(true);
  RecursiveAction task = queue[me].popBottom();
  while (true) {
    while (task != null) {
      task.compute();
      task = queue[me].popBottom();
    }
    tdBarrier.setActive(false);
    while (task == null) {
      int victim = ThreadLocalRandom.current().nextInt(queue.length);
      if (!queue[victim].isEmpty()) {
        tdBarrier.setActive(true);
        task = queue[victim].popTop();
        if (task == null) {
          tdBarrier.setActive(false);
        }
      }
      if (tdBarrier.isTerminated()) {
        return;
      }
    }
  }
}
```

FIGURE 18.13 Work stealing executor pool: the run() method with termination.