Thread

Task04

```
package multithread1;
import java.util.concurrent.ExecutorService;
import java.util.concurrent.Executors;
class Task implements Runnable {
private int taskId;
public Task(int taskId) {
this.taskId = taskId;



}
@Override
public void run() {
System.out.println("Task " + taskId + " is being processed by " +
Thread.currentThread().getName());
}
}

/**
 *
 * @author student
 */
public class ThreadPoolExample {
    public static void main(String[] args) {
// Create a thread pool with 3 threads
ExecutorService executorService = Executors.newFixedThreadPool(3);
// Submit tasks to the pool
```

```
for (int i = 1; i <= 5; i++) {
executorService.submit(new Task(i));
}
// Shutdown the thread pool
executorService.shutdown();
}
}
```

Output