

MAIN CLASS

```
import java.io.BufferedWriter;
       SQRT 5 = BigDecimal.valueOf(5).sgrt(MC);
       PHI = BigDecimal.ONE.add (Main.SQRT 5).divide (BigDecimal.TWO, MC);
       List<ThreadRunner> threadRunners = new ArrayList<>();
           ThreadRunner threadRunner = new ThreadRunner(i);
        catch (InterruptedException e) {
           throw new RuntimeException(e);
```

```
long endTime = System.currentTimeMillis();
    System.out.println("Execution time: " + (endTime - startTime));

    Collections.sort(fibonacciList);

    try {
        BufferedWriter writer = new BufferedWriter(new
FileWriter(FILE_NAME, false));
        writer.write("");

        for (int i = 0; i <= MAX_N; i++) {
            String str = String.format("F(" + i + ") = " +
            fibonacciList.get(i).toString());
            writer.append(str);
            writer.append("\r\n");
        }
        writer.close();
    } catch (IOException ioException) {
        ioException.printStackTrace();
    }
}</pre>
```

THREADRUNNER CLASS