```python
## \file Calculations.py
# \author Nikitha Krithnan and W. Spencer Smith
# \brief Provides functions
...
## \brief Calculates risk of
# \param inParams structur
# \param J stress distributi
# \return risk of failure
def func_B(inParams, J):
    outfile = open("log.txt",
    print("function func_B c
    ...
    outfile.close()

    return 2.86e-53 / (inPar
inParams.LDF * math.exp(
```

```java
package GlassBR;
/** \file Calculations.java
   \author Nikitha Krithnan and W. Spencer Smith
   \brief Provides functions for calculating the outputs
*/
...
   public static double func_B(InputParameters inParams, double J) throws IOException {
     PrintWriter outfile;
     outfile = new PrintWriter(new FileWriter(new File("log.txt"), true));
     outfile.println("function func_B called with inputs: {");
     ...
     outfile.close();

     return 2.86e-53 /Math.pow(inParams.a * inParams.b, 7.0 - 1.0) *
          Math.pow(7.17e10 * Math.pow(inParams.h, 2.0), 7.0) * inParams.LDF
          * Math.exp(J);
   }
```