# Problem 9 – Error Logger

Write a PHP program that reads a **Java error log** and parses the errors to a more user-friendly format.

An error in Java is an **exception**. All exceptions will be in following format:

**Exception in thread "**[thread]**" java.**[…**.**][Exception]**:** [**...**]

**at** [class]**.**[method]**(**[filename]**:**[line]**)**

**at** [class]**.**[method]**(**[filename]**:**[line]**)**

...

Your task is to find all such exceptions in a Java error log and print each one in the format **line** **[line] - [exception] in [filename]:[method]**. You should only take the **data from the first line of the stack trace** (the first line beginning with "**at...**"). For example, we are given the following log:

Strange Exception in thread "main" here in at Java\_Basics.calc(Java\_Basics.java:22) what does it mean? :

Exception in thread "main" java.lang.**ArrayIndexOutOfBoundsException**: 1

at Java\_Basics.**calc**(**Java\_Basics.java**:**22**)

at Java\_Basics.main(Java\_Basics.java:13)

The line is **22**, file name is **Java\_Basics.java**, method is **calc** and exception is **ArrayIndexOutOfBoundsException**. The result should be:

line **22** – **ArrayIndexOutOfBoundsException** in **Java\_Basics.java:calc**

### Input

The input data should be read from an **HTTP GET request**. The **error log** will be read from a textarea **'errorLog'**.

### Output

Print each exception in the format above in **<li></li>** tags in an unordered list **<ul></ul>**. Line number and exception should be bolded with **<strong></strong>**. File and method should be emphasized with **<em></em>**. Ensure your output is properly encoded (use the **htmlspecialchars()** function).

### Constraints

* All exceptions will be valid Java exceptions, but there can be **text between them**.
* There may be whitespace at the beginning or end of each line.

### Examples

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| **Input** |
| Strange Exception in thread "main" here in at Java\_Basics.calc(Java\_Basics.java:22) what does it mean? :  Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException: 1  at Java\_Basics.calc(Java\_Basics.java:22)  at Java\_Basics.main(Java\_Basics.java:13) |
| **Output** |
| <ul><li>line <strong>22</strong> - <strong>ArrayIndexOutOfBoundsException</strong> in <em>Java\_Basics.java:calc</em></li></ul> |

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| **Input** |
| Strange Exception in thread "main" here in at Java\_Basics.calc(Java\_Basics.java:22) what does it mean? :  Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException: 1  at Java\_Basics.calc(Java\_Basics.java:22)  at Java\_Basics.main(Java\_Basics.java:13)  Exception in thread "main" java.lang.oracle.sun.NullPointerException: 4  at Java\_Basics.getResources(Java\_Basics.java:55)  at Java\_Basics.calc(Java\_Basics.java:22)  at Java\_Basics.main(Java\_Basics.java:13)  sudo chmod 777 -R /path/to/Dir/Java\_Basics.java |
| **Output** |
| <ul><li>line <strong>22</strong> - <strong>ArrayIndexOutOfBoundsException</strong> in <em>Java\_Basics.java:calc</em></li><li>line <strong>55</strong> - <strong>NullPointerException</strong> in <em>Java\_Basics.java:getResources</em></li></ul> |

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| **Input** |
| Exception in thread "main" java.StrangeException: 7  at Java\_Basics.load(Java\_Basics.java:73)  at Java\_Basics.calc(Java\_Basics.java:22)  at Java\_Basics.main(Java\_Basics.java:13) |
| **Output** |
| <ul><li>line <strong>73</strong> - <strong>StrangeException</strong> in <em>Java\_Basics.java:load</em></li></ul> |