**PART A**

1.)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| fruit | fruit.length() | index | Index < fruit.length() | letter | console |
| banana | 6  6  6  6  6  6  6 | 0  1  2  3  4  5  6 | true  true  true  true  true  true  false | b  a  n  a  n  a | b  a  n  a  n  a |

2.)

a.) An out of bounds exception occured. The package that it is defined in is the java.lang

Package.

b.) The index value of 6 caused the exception.

c.) getLastLetter threw the exception and is defined after main as a char method

d.) getLastLetter invoked charAt

e.) charAt was invoked on line 14