3g.

The web application received "zzzz8888" as the search term from the browser.

This value was passed to the doFlickrSearch method.

Before the search term was encoded and used to fetch images, you paused the execution and changed searchTag from "zzzz8888" to "peach".

The rest of the method then executed using "peach" as the search term for querying Flickr.

Flickr returned an image of a peach based on this modified search term.

However, the web application's response message was already constructed using the original search term "zzzz8888".

4a.

The loop continues as long as readLine() doesn't return null. A null return indicates the end of the stream (i.e., no more content to read).

It's accumulating all the lines of the response into a single string.

4b.

<!DOCTYPE html>

<html xmlns:cc="http://creativecommons.org/ns#" lang="en-us" class="no-js fluid html-search-photos-unified-page-view scrolling-layout ">

<head>

<meta property="og:site\_name" content="Flickr" />

<meta property="og:updated\_time" content="2024-09-09T15:54:06.802Z" />

<script type="application/ld+json">

{

"@context": "http://schema.org",

"@graph": [

{

"@type": "WebSite",

"name": "Flickr",

"url": "https://www.flickr.com",

"potentialAction": {

"@type": "SearchAction",

"target": "https://www.flickr.com/search?text={search\_term\_string}&structured=yes",

"query-input": "required name=search\_term\_string"

}

},

{

"@type": "Organization",

"url": "http://www.flickr.com",

"logo": <https://www.flickr.com/images/opensearch-flickr-logo.png>

},

{

"@type": "Person",

the raw HTML content of the Flickr search results page, line by line.

5b.

live.staticflickr.com/46/172308026\_38883ffc97\_m.jpg