Algorithm of this code

Here's an algorithmic representation of retrieving product details using JDBC, SQL, and Servlet:

1. Start
2. Get the product ID from the request parameters.
3. Connect to the database using JDBC.
4. Create an SQL query to retrieve product details based on the product ID.
5. Execute the SQL query.
6. Check if a result is obtained:
   * If a result is obtained:
     + Extract the product details from the result set.
     + Close the result set.
     + Close the statement.
     + Close the database connection.
     + Generate an HTML response with the product details.
     + Display the response to the user.
   * If no result is obtained:
     + Close the statement.
     + Close the database connection.
     + Generate an HTML response indicating that no product was found with the given ID.
     + Display the response to the user.
7. End