Add & Multiply Three Integers

In this assessment, you will design and code a simple Java application that reads in three integer values and prints out both the sum and the product of these three values. You can use either the Toolwire environment or your local Java development environment to complete this assignment.
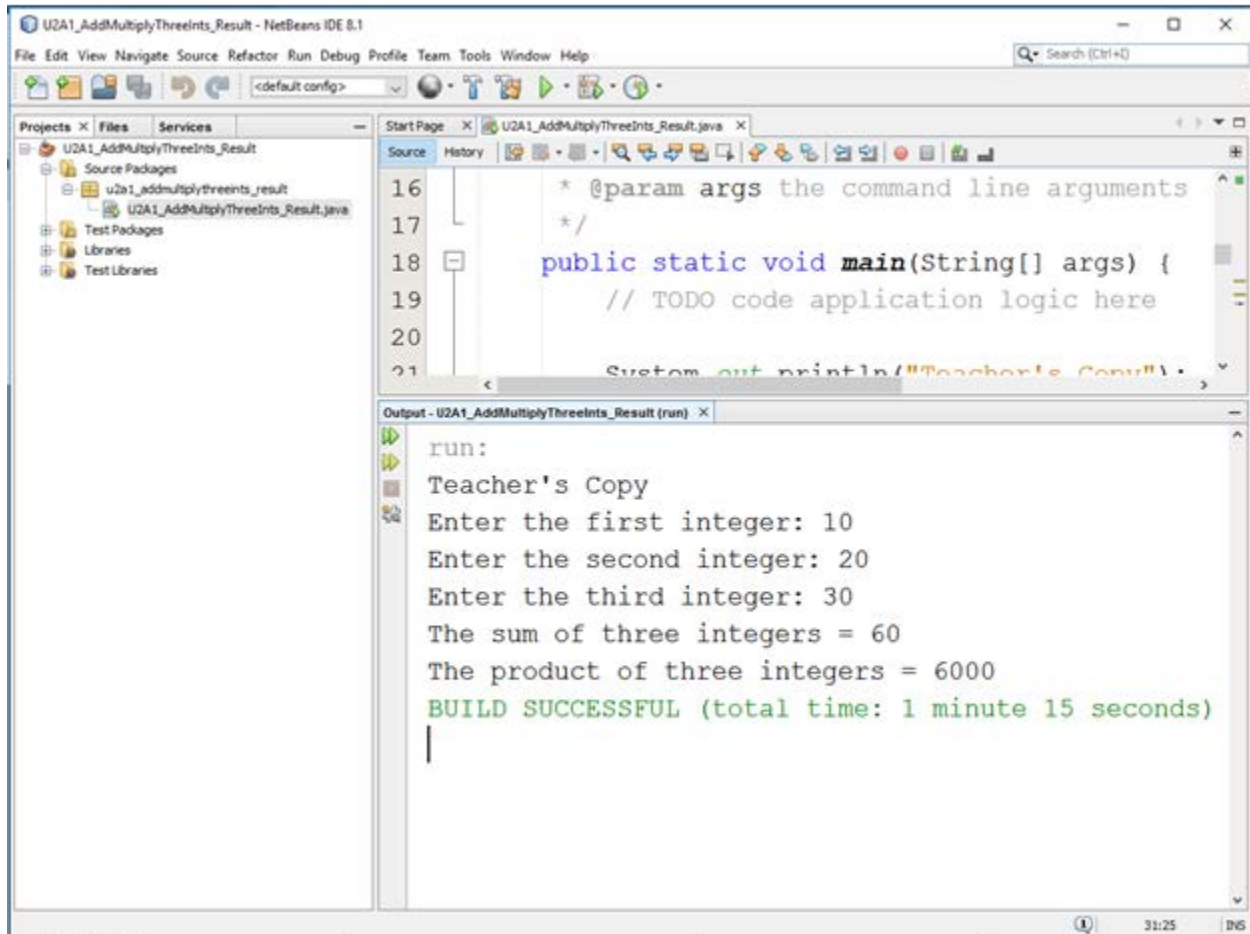
The requirements of this application are as follows: The application is to read three integer numbers entered by the user from the keyboard. It assigns these three values to three int variables respectively. The application then prints out the sum and the product of these three integer variables.

Assume that the user always entered correct information so there is no need to validate user input in your application.

Use these three input values to test your application:

10, 20, and 30.

Successful completion of this assignment will show the correct sum and product of the three test values printed out when the application is run. Your program output should look like this sample output:

Follow these steps to complete this assignment:

1. Create a NetBeans Java console application project called U2A1_AddMultiplyThreeInts.

2. Develop the application to meet the stated requirements.

3. Compile and test your application using the provided input data.

   Make sure to document the result of your testing by taking screenshots of the result of running your application similar to the provided sample output. One screenshot is required for this assignment. **NOTE**: your screenshot should be included in **ONE** document with your other deliverables.

4. Explain the approach you took to complete this assignment and the major decisions you made. As part of your explanation, be sure to identify the fundamental Java constructs you used that were specific and relevant to your submitted program.

Deliverables:

Use the submission template provided in the resources section (WeekXSolutionSubmissionTemplate.docx) to complete and submit your deliverables. Your deliverables in the attached submission template should include:

1. Your work (Netbeans project zip file + copy of *.java source code)
2. A screenshot of the result of testing your application. See the examples provided above.
3. Explain the approach you took to complete this assignment and the major decisions you made. As part of your explanation, be sure to identify the fundamental Java constructs you used that were specific and relevant to your submitted program.