

Java Software Development Internship – Assignment

Create a small Java program contained within one file that can be compiled and executed on the command line (standard console output only). Follow the specifications below and use all known best practices to the best of your abilities. You will be evaluated on the program's conciseness, structure and legibility. Please reply to the email with your Java source code.

Specifications:

1. Create 5 lists of 1,000 random numbers from -10,000 to 10,000
2. Filter out all numbers divisible by three distinct random values computed at runtime (but before the execution of the filtering) for each list
3. Print out the sum of each list
4. Print out the number of distinct values per list
5. Merge all 5 lists into one list
6. Print out the global average value of this final list