Do not copy and paste from other project. U can look is u want.

Create a program :contains a menu that calls function to:

1)create 3 matrices 10 by 10 of random integer. The result is written on a file that the user creates as his input. Use length to handle array. (result 3 files) handling the array use the 3 types of loops.

2) read the 3 matrices from file . if an array contains all the prime numbers from 1 to 100 display “ winning array for prime numbers” , return the number of loops for the search and quit searching for prime numbers . If not display”Don’t have all the prime numbers”.

Prime numbers up to 100 “2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, **67**, **71**, **73**, **79**, **83**, **89**, **97”**

public static boolean isPrime(int n) {

for (int i = 2; i < n; i++) {

if (n % i == 0) {

return false;

}

}

return true;

}

program class:

**package** simplecalc**;**  **import** java.util.Scanner**;**  **public** **class** **SimpleCalc** **{**   **static** Scanner input **=** **new** Scanner**(**System**.**in**);**   **public** **static** **void** **main(**String**[]** args**)** **{**  **while** **(true)** **{**  System**.**out**.**println**(**"1. Add\n"  **+** "2. Subtract\n"  **+** "3. Multiply\n"  **+** "4. Divide\n"  **+** "0. Exit\n"**);**  **int** choice **=** input**.**nextInt**();**  **if** **((**choice **<** 0**)** **||** **(**choice **>** 4**))** **{**  System**.**out**.**println**(**"Invalid choice"**);**  **continue;**  **}**  **if** **(**choice **==** 0**)** **{**  System**.**out**.**println**(**"Bye bye"**);**  **return;**  **}**  *//*  System**.**out**.**println**(**"Enter two floating point values"**);**  **double** v1 **=** input**.**nextDouble**();**  **double** v2 **=** input**.**nextDouble**();**   **double** result **=** 0**;**  **switch** **(**choice**)** **{**  **case** 1**:**  result **=** v1 **+** v2**;**  **break;**  **case** 2**:**  result **=** v1 **-** v2**;**  **break;**  **case** 3**:**  result **=** v1 **\*** v2**;**  **break;**  **case** 4**:**  result **=** v1 **/** v2**;**  **break;**  **default:**  System**.**err**.**println**(**"Fatal error: invalid control flow"**);**  System**.**exit**(**1**);**  **}**  System**.**out**.**printf**(**"Result is: %.4f"**,** result**);**  **}**  **}**  **}**