public class L3A {

public static void main(String[] args) {

int num1 = 22, num2 = 0;

int divResult=0;

char[] chArr = { 'a', 'b', 'c', 'd' };

for (int i = 0; i < 2; i++) {

if (i == 0)

divResult = num1 / num2;

else

chArr[4] = 'X';

}

System.out.println("divResult=" + divResult);

System.out.println("chArr=" + String.valueOf(chArr));

}

}

*Identify all lines of code of the L3A class above that have errors (either syntax or semantic errors) and can generate exceptions when running. Explain the reasons for such errors.*

**Line 7: It is illogical to have a for loop. You can get the same output by writing the code as normal line of code.**

**Line 9: Cannot divide by 0**

**Line 11: They array “chArr” only has 4 items. Therefore, considering 0 indexing [0,1,2,3] g, 4 is nonexistent or out of bounds**