```java
public class ExceptionTester {
    public static void foo(int x) throws AException, BException {

        System.out.print("A");
        if (x<10)
            throw new AException();

        try {
            bar(x);
        } catch (BException e) {
            System.out.print("B");

            if (x > 50)
                throw new BException();
            System.out.print("C");
        }
        System.out.print("D");
    }

    public static void bar(int x) throws BException {
        System.out.print("E");
        if (x>20) {
            System.out.print("F");
            throw new BException();
        }
        System.out.print("G");
    }

    public static void main(String[] args) {
        int x;
        // Assume AException and BException class have been implemented
        // what is the output for each of the following values of x:
        // x = 5;
        // x = 15;
        // x = 30;
        // x = 60;

        System.out.print("H");

        try {
            foo(x);
            System.out.print("I");
        } catch (AException e) {
            System.out.print("J");
        } catch (BException e) {
            System.out.print("K");
        }

        System.out.println("L");
    }
}
```