

Write the output, at the bottom of the page, of the following program:

```
class Exception1 extends Exception { }
class Exception2 extends Exception { }
public class TestExceptions
{
    public static void main(String[ ] args)
    {
        for (int x = 0; x <= 2; x++)
        {
            try
            {
                System.out.print("t");
                doMethod(x);
                System.out.print("o");
            }
            catch (Exception1 e1)
            {
                System.out.print("a");
            }
            catch (Exception2 e2)
            {
                System.out.print("e");
            }
            finally
            {
                System.out.print("w");
            }
            System.out.print("s "); // note the space after the s
        }
        System.out.print("bye");
    }

    public static void doMethod(int test) throws Exception1, Exception2
    {
        System.out.print("h");
        if (test == 0)
            throw new Exception1( );
        if (test == 1)
            throw new Exception2( );
        System.out.print ("r");
        return;
    }
}
```

Output: