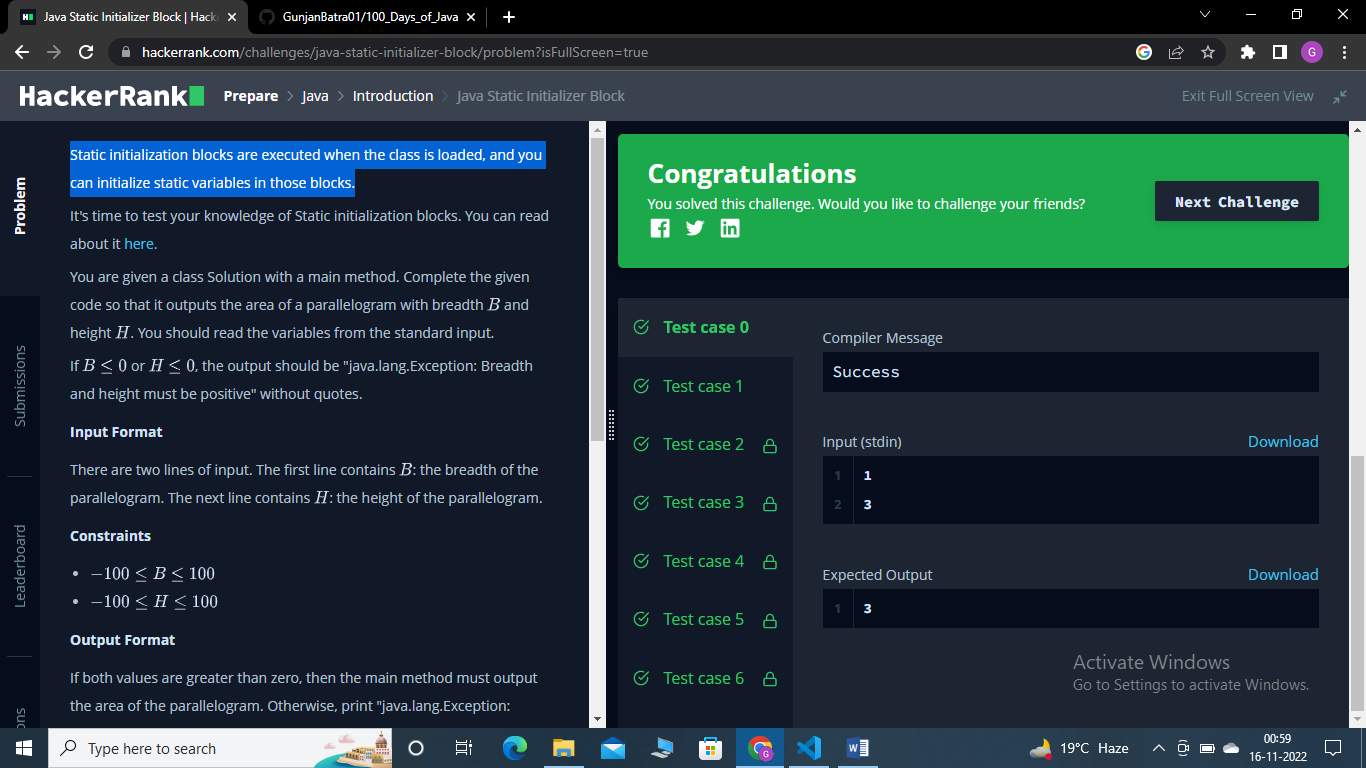
**OUTPUT**

**Case 1:**



**Case 2:**

