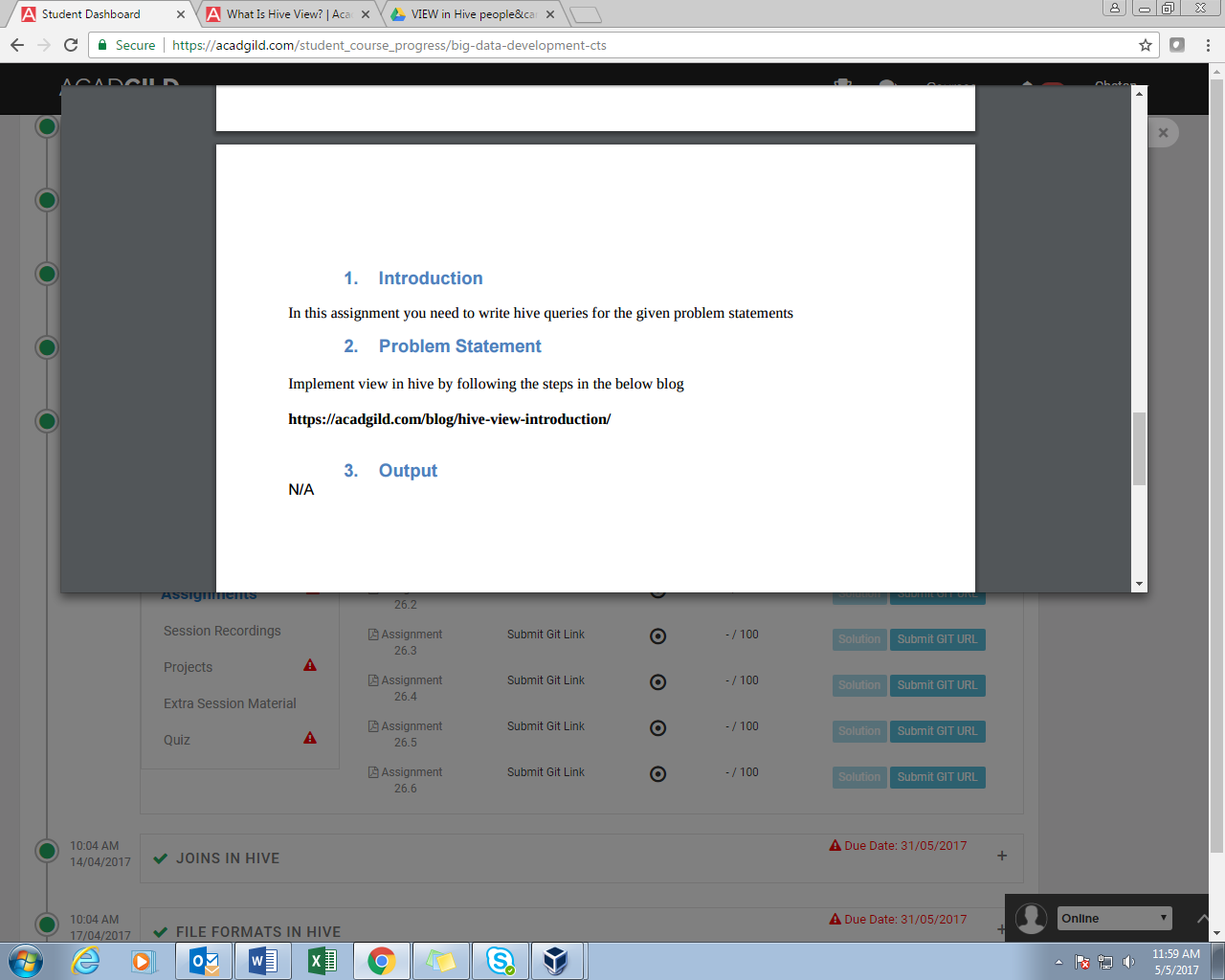
**PROBLEM STATEMENT:**



**SOLUTION:**

