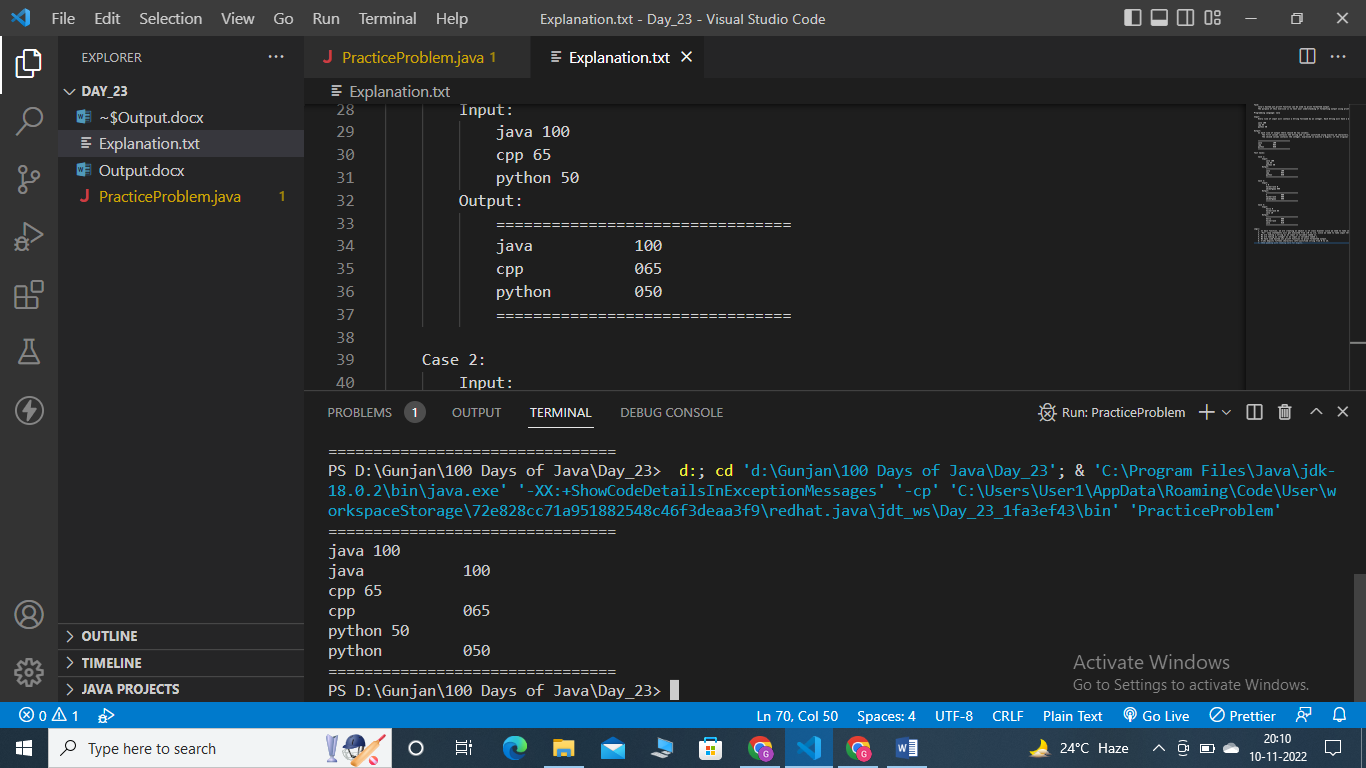
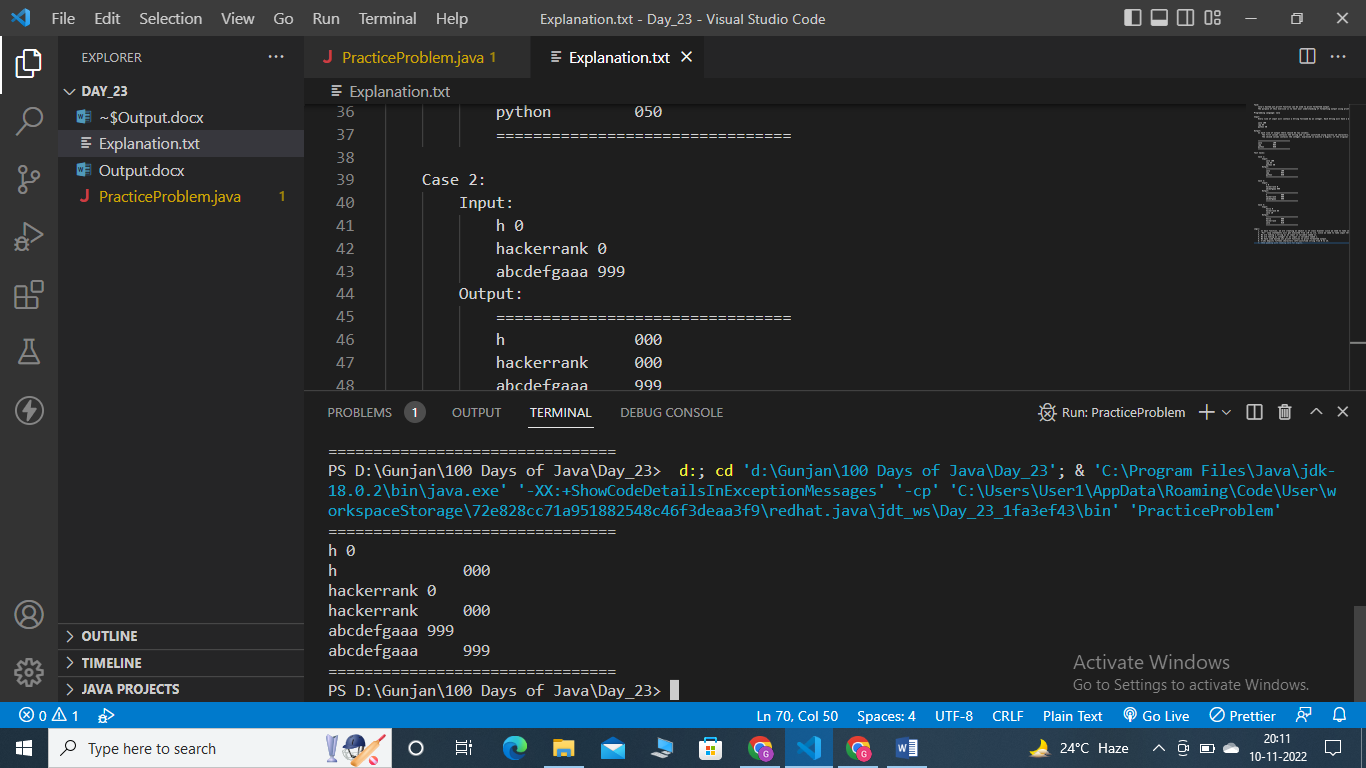
**OUTPUT**

Case 1:



Case 2:



Case 3:

