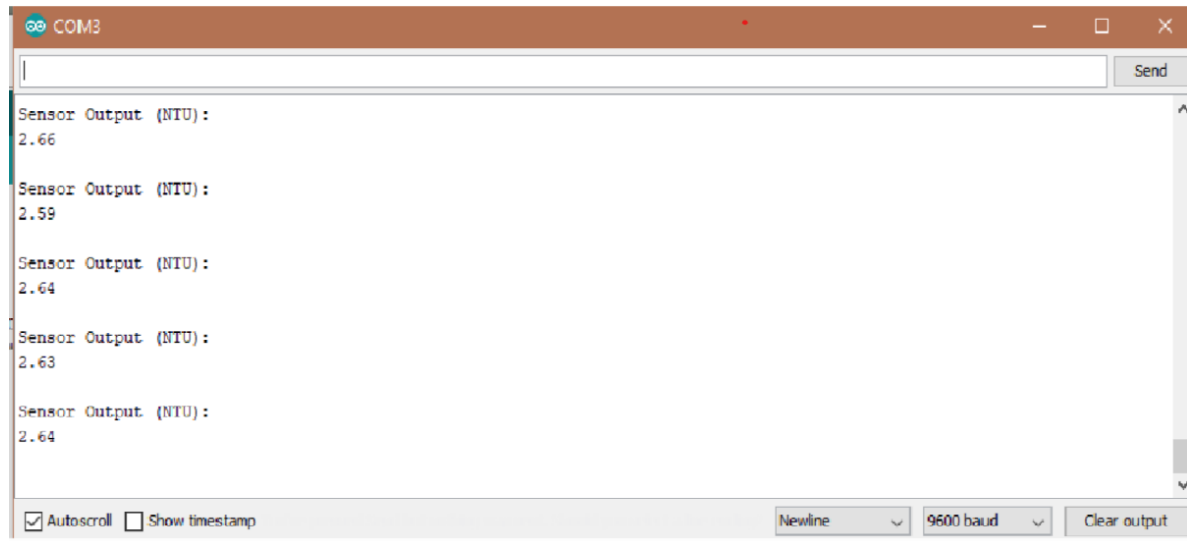
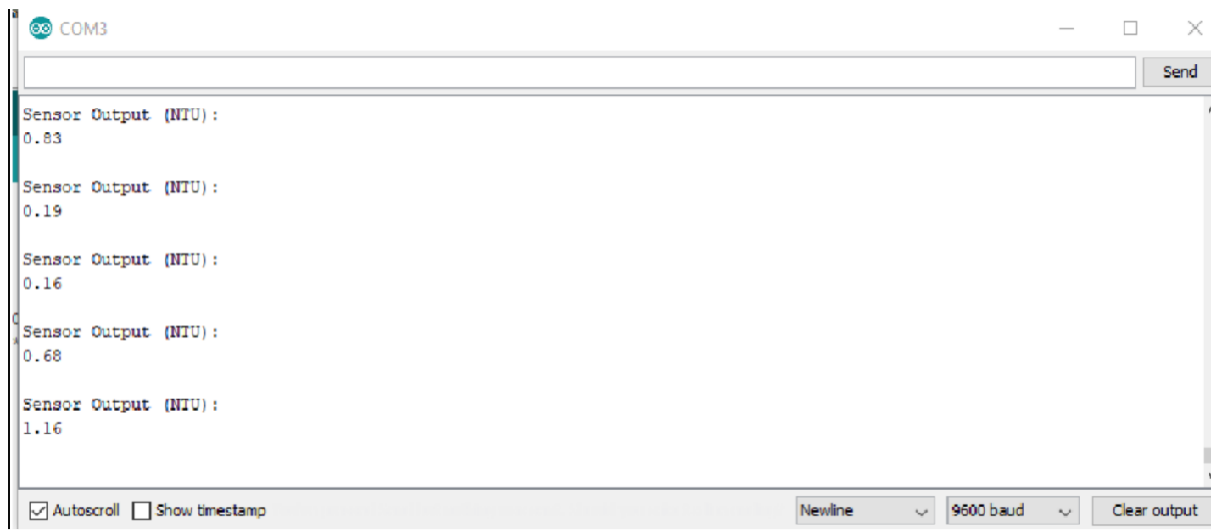


## OUTPUT:

### TEST CASE 1:



## **TEST CASE 2:**



## **FINAL OUTPUT:**

