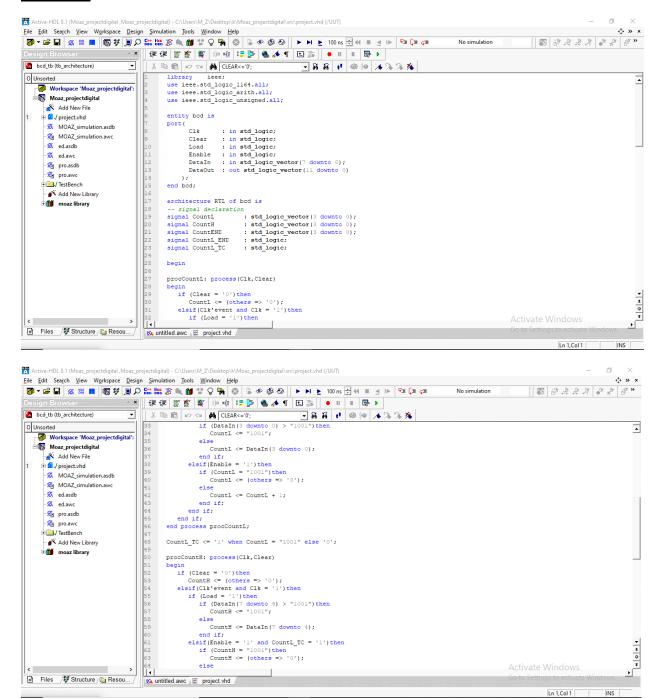
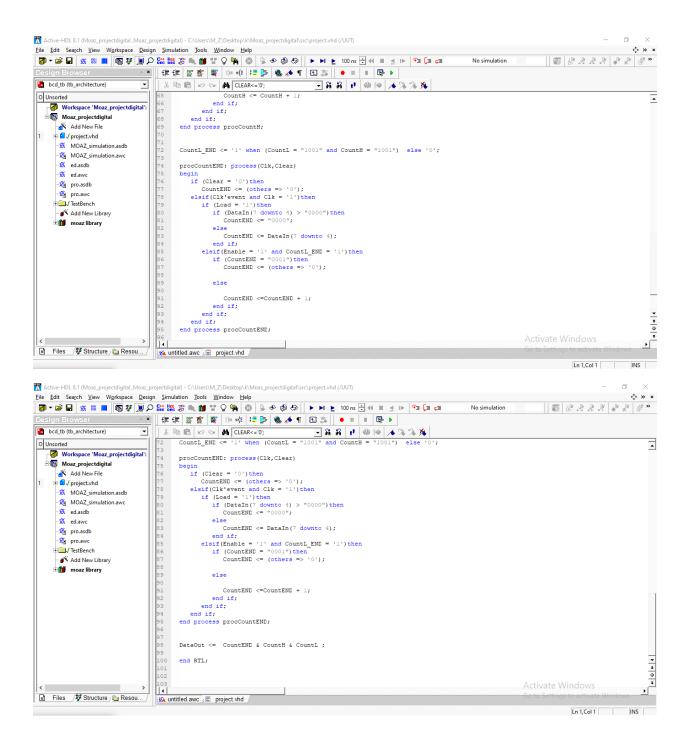
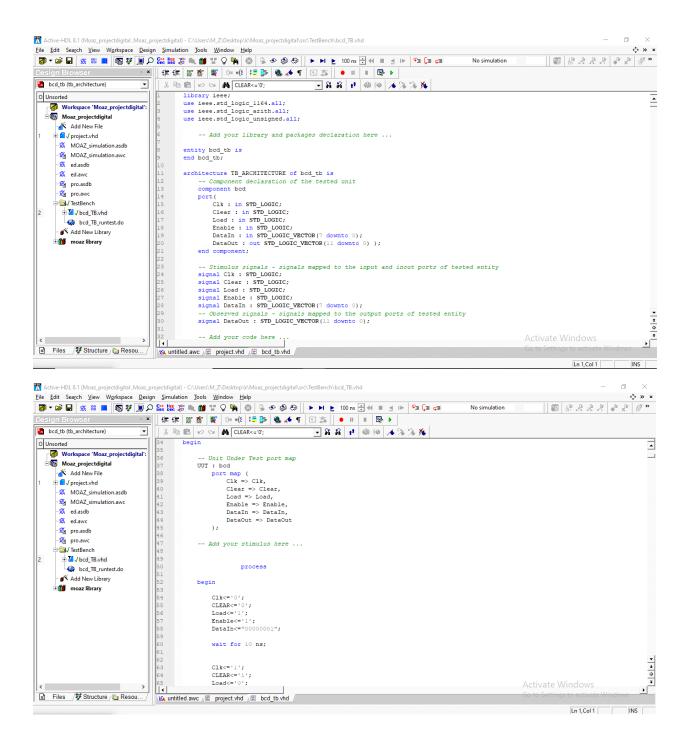
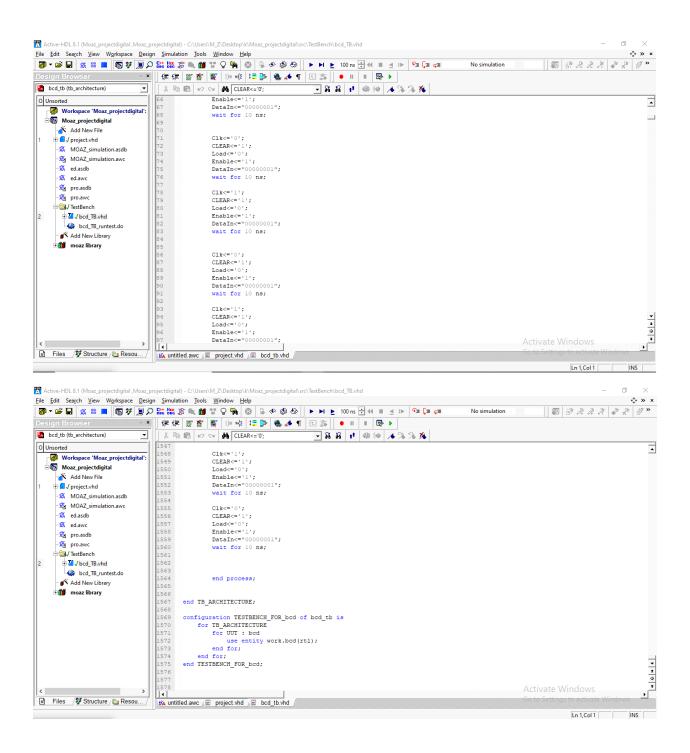
## **CODE:**





## **TEST BENCH:**





## **SIMULATION:**

