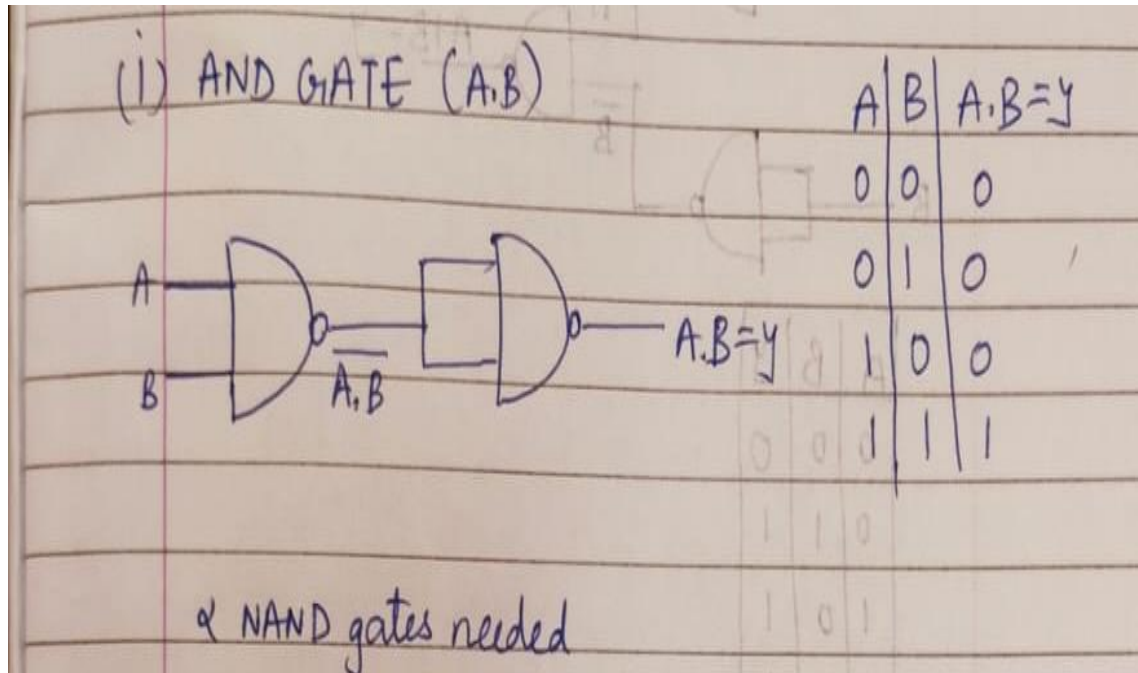


# LAB REPORT

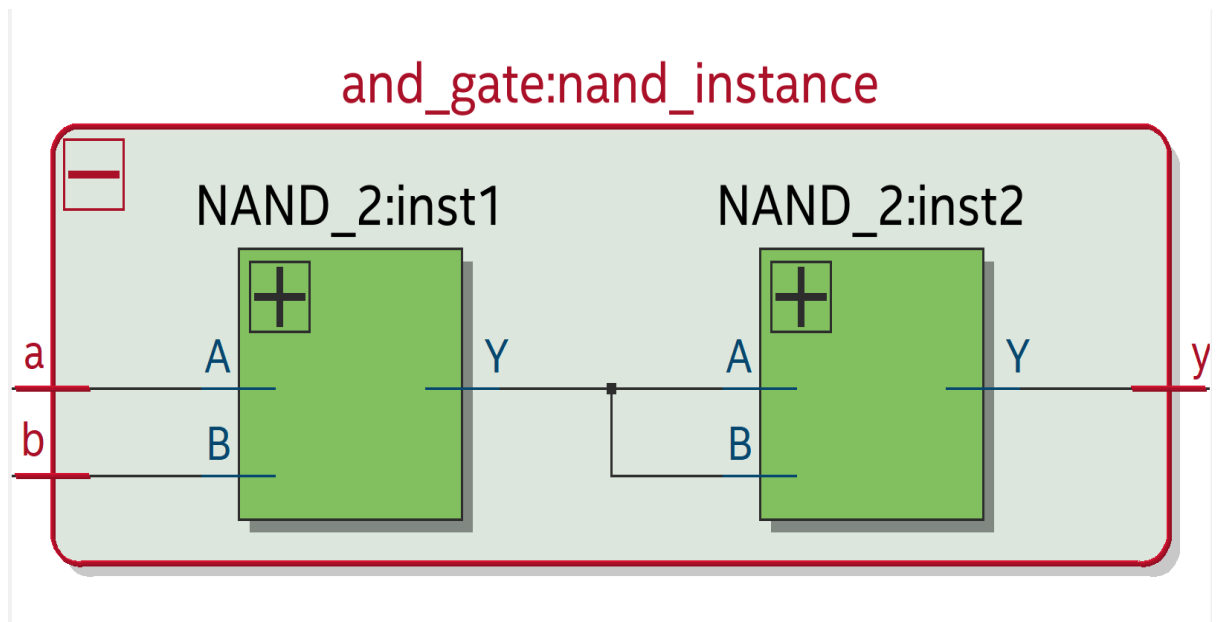
## LAB -1

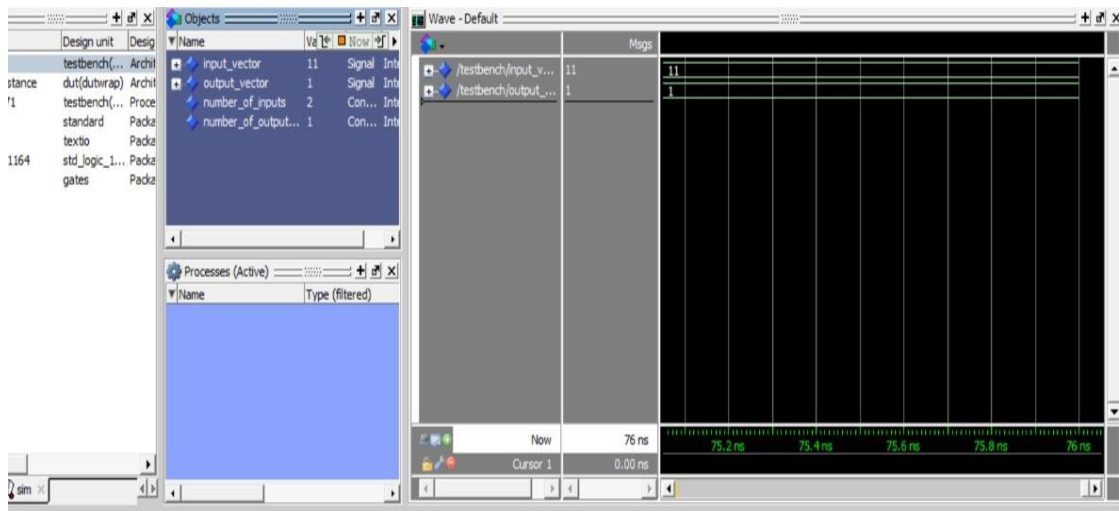
### 1. AND Gate

Boolean expression –  $A.B$

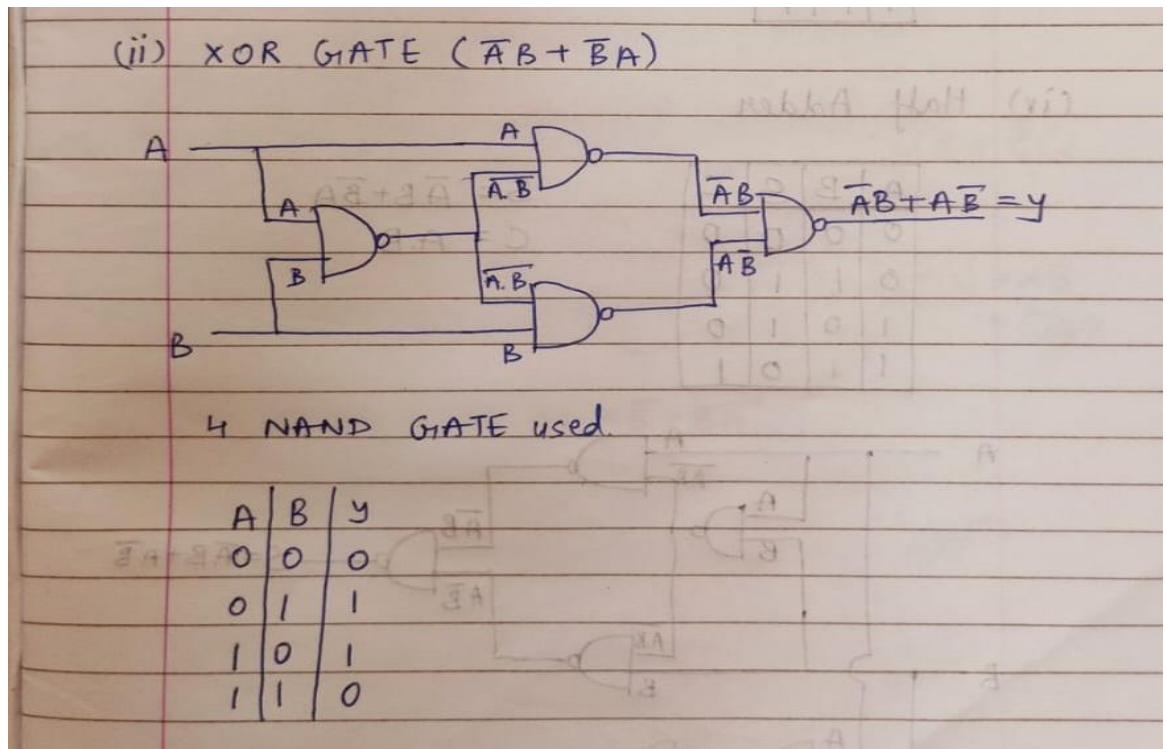


Simulations

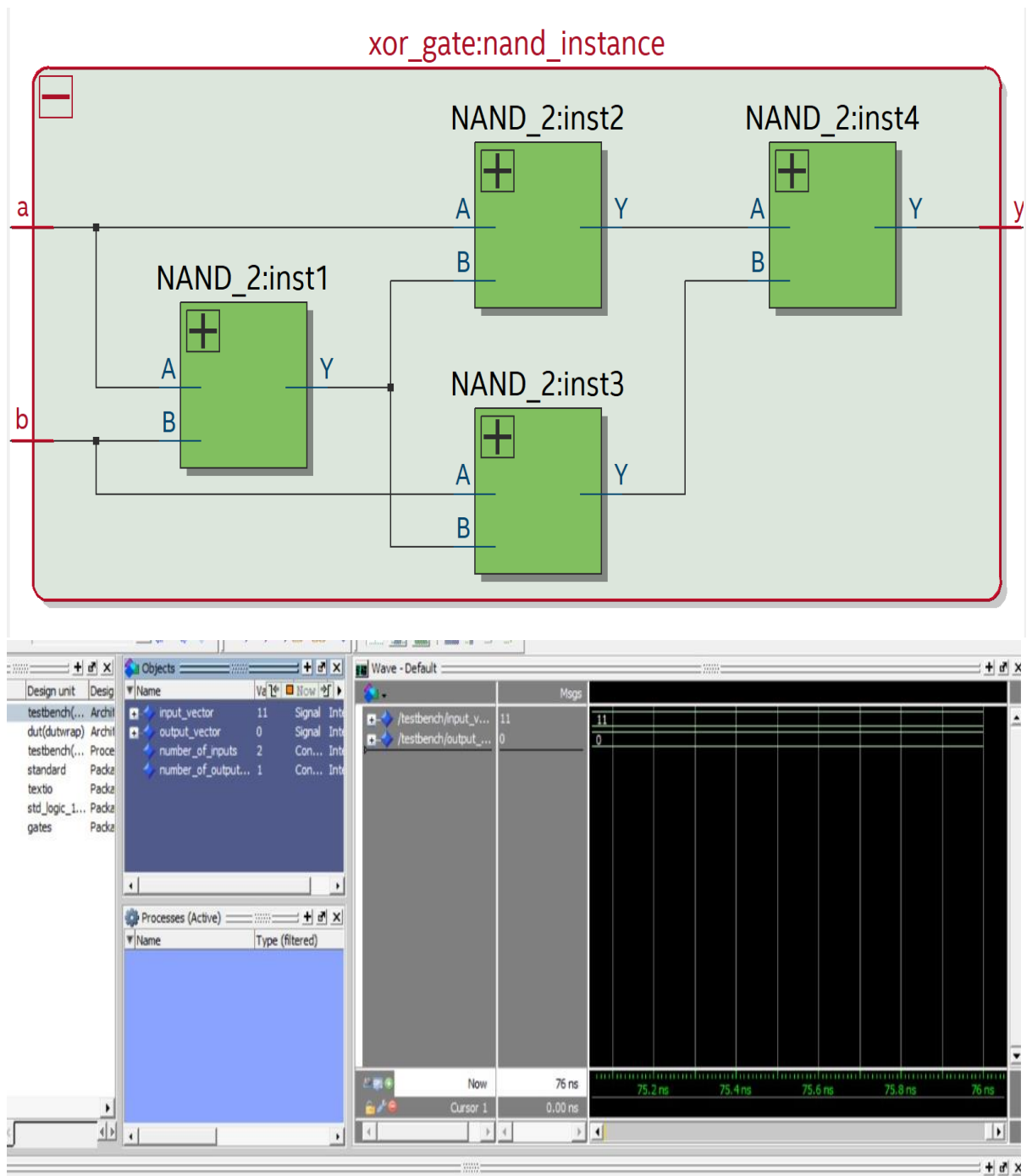




## 2. XOR Gate

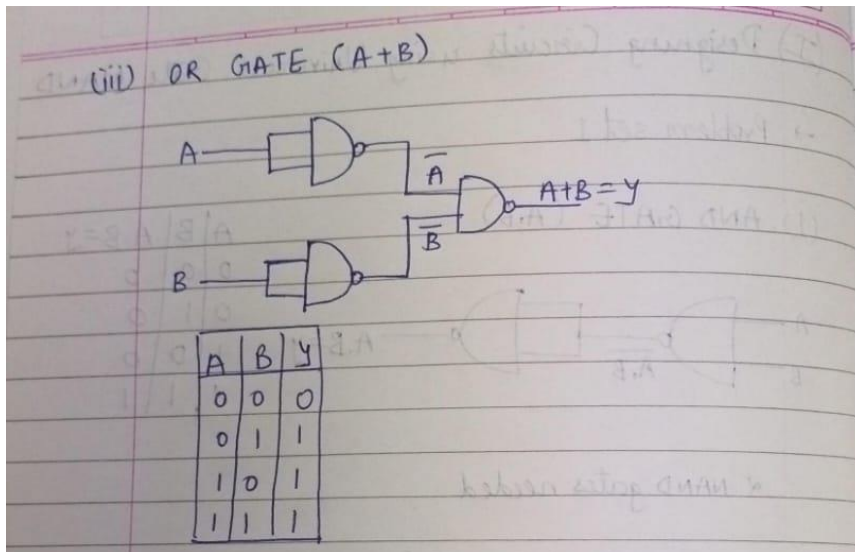


## Simulations

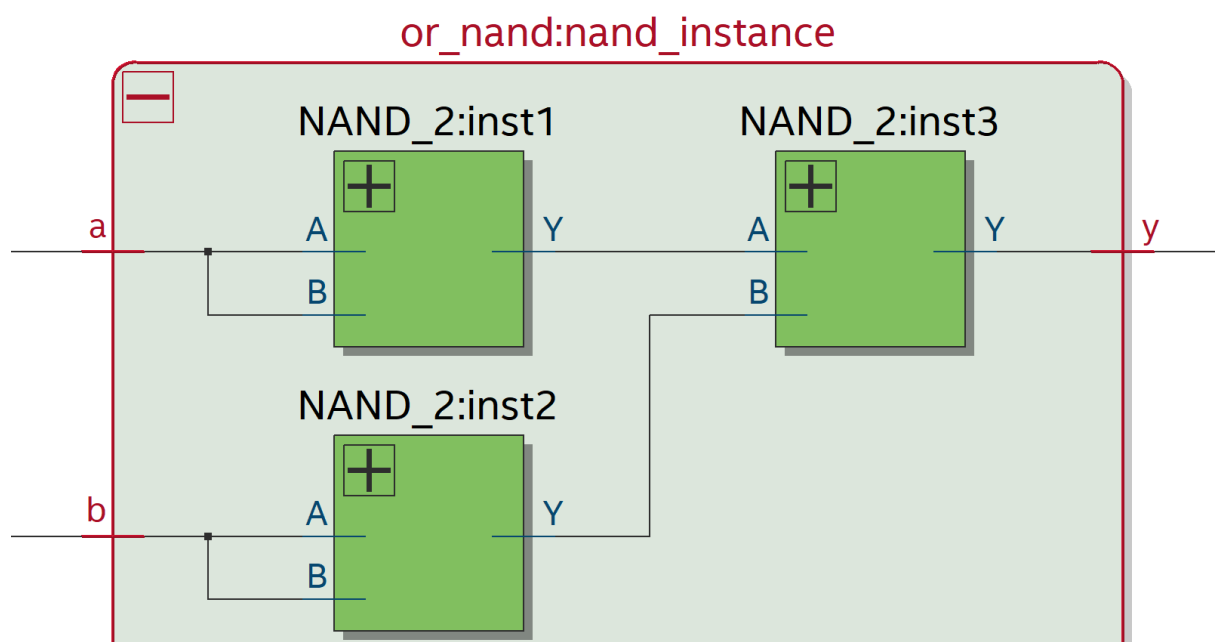


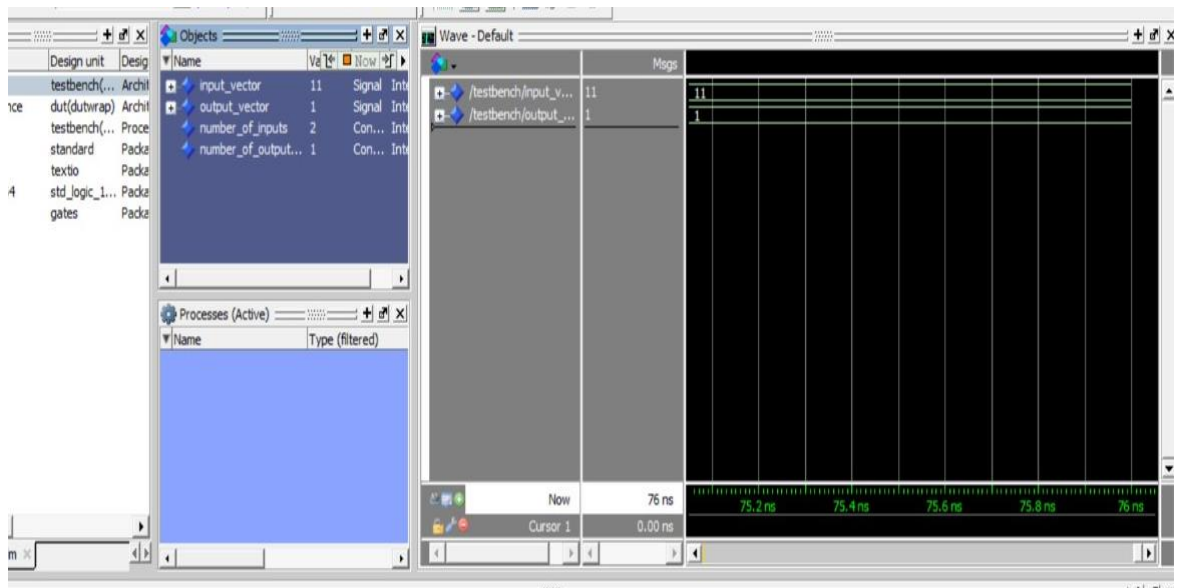
#### 4. OR Gate

Boolean expression –  $A+B$

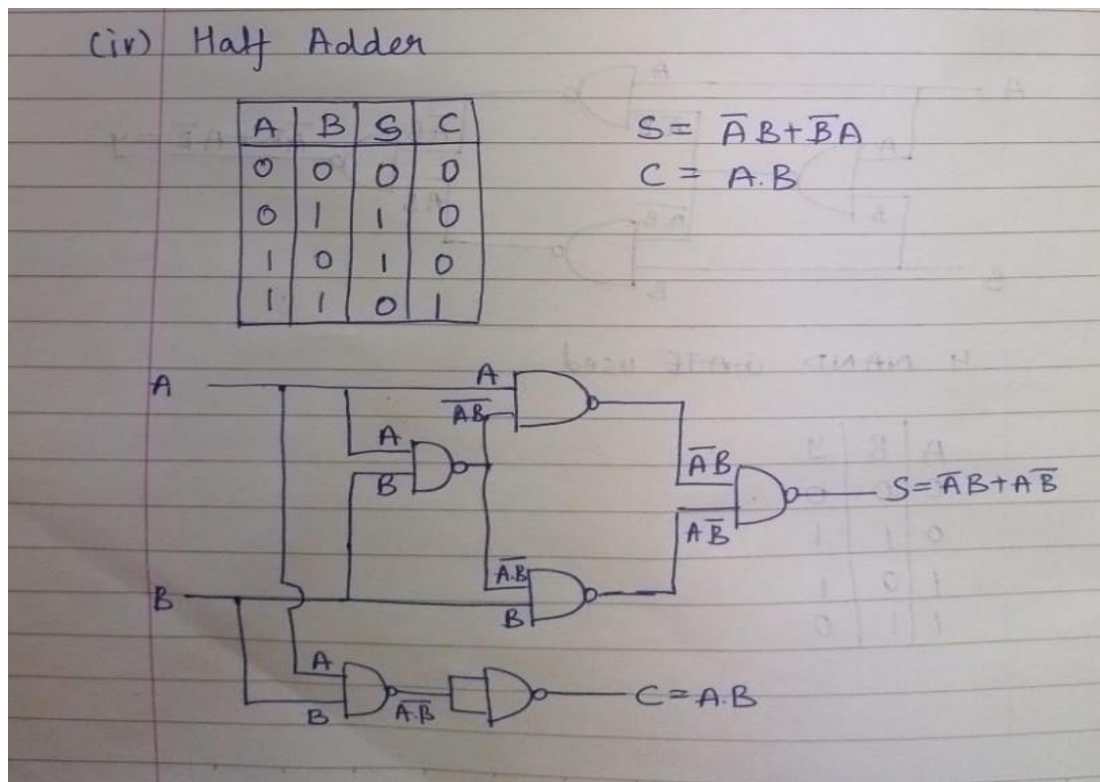


Simulations

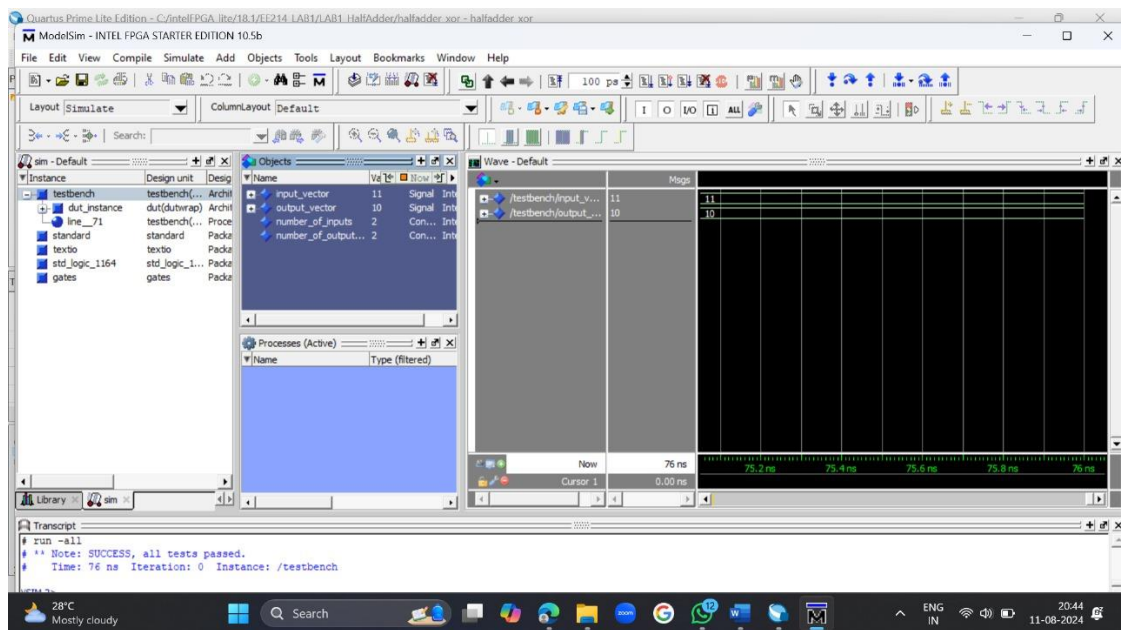
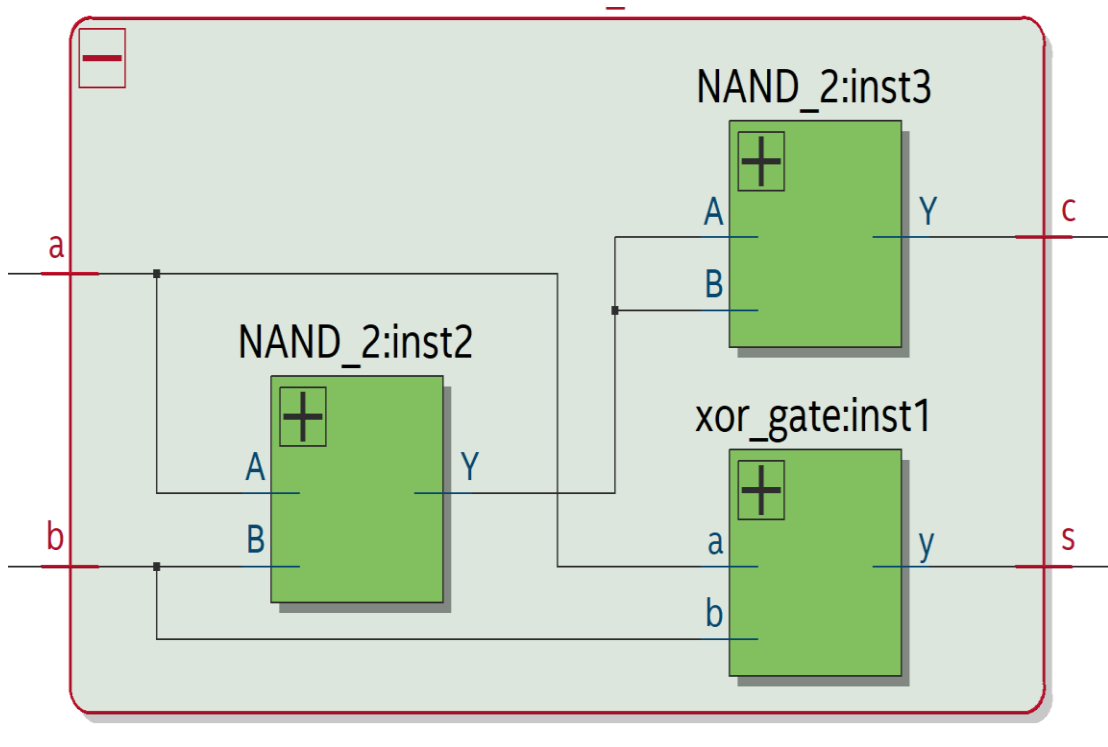




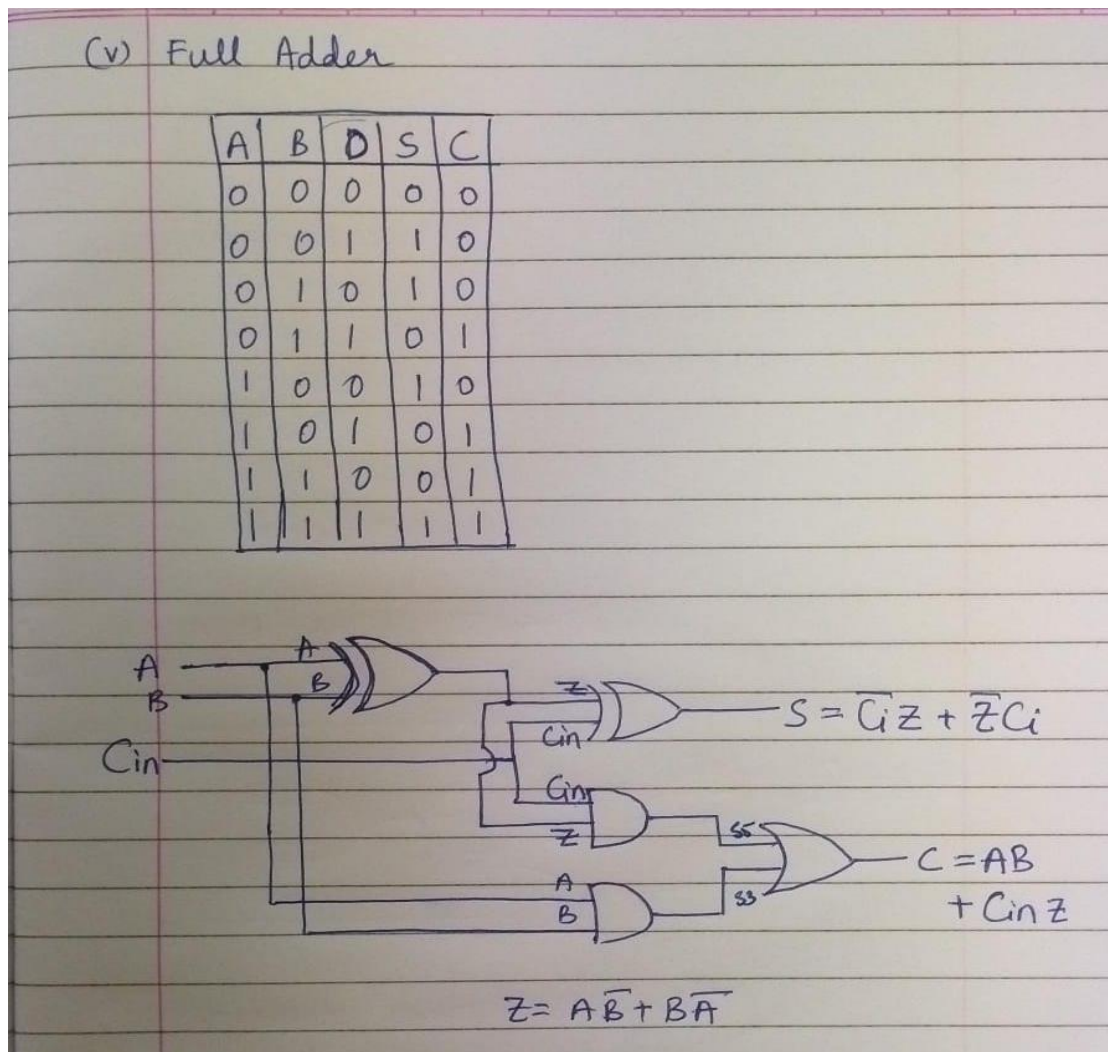
## 5. HALF ADDER



## Simulations



## 6. FULL ADDER



## Simulations

