

```

if( flag == true ) {
    if (FIRST_Group.contains(character.toString) == true) {
        val tmp = FIRST_Group(ex.toString).replace( "ε", "" ) +
FIRST_Group(character.toString)
        FIRST_Group(character.toString) = tmp.distinct
    }
    else {
        FIRST_Group(character.toString) =
FIRST_Group(ex.toString).replace( "ε", "" )
    }
}
}
// case 3.3
if( findCase_Y_In_nY(character).length > 0 ) {
    var flag = true
    val tmpReply = findCase_Y_In_nY(character)
    for( ex <- tmpReply ) {
        if( localVN.contains(ex.toString) && FIRST_Group.contains(ex.toString) == true )
{
            if( FIRST_Group(ex.toString).contains("ε") == false ) {
                flag = false
            }
        }
        else {
            flag = false
        }
        if( flag == true ) {
            if (FIRST_Group.contains(character.toString) == true) {
                val tmp = "ε" + FIRST_Group(character.toString)
                FIRST_Group(character.toString) = tmp.distinct
            }
            else {
                FIRST_Group(character.toString) = "ε"
            }
        }
    }
}
}
}
FIRST_Group
}

```