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def generate_literal_table(assembly_code):

    ans=[]
    literal_table = {}


    # First Pass: Collect literals and their values
    current_address = None
    for line in assembly_code:
        parts = line.split()
        if parts[0] == "START":
            current_address = int(parts[1])
        elif parts[0] != "END" and parts[0] != 'LTORG':
            for part in parts:
                if part.startswith("="):
                    literal = part.strip("=")
                    literal_table[literal] = None
            current_address += 1
        elif parts[0] == 'LTORG':
            for literal in literal_table:
                literal_table[literal] = current_address
            current_address += 1
        ans.append(literal_table)
        literal_table={}

    for literal in literal_table:
        if(literal_table[literal] == None):
            literal_table[literal] = current_address
            current_address += 1
    ans.append(literal_table)
    literal_table={}

    # Second Pass: Generate Literal Table
    print("Literal Table:")
    print("Literal\t|\tValue")
    print("-----")
    for i in range(len(ans)):
        for literal, value in ans[i].items():
            print(f"{literal}\t|\t{value}")

# Assembly code
assembly_code = [
    "START 200",
    "READ X",
    "READ Y",
    "MOVER AREG, =5'",
    "MOVER BREG, =6'",
    "ADD AREG, BREG",
    "LOOP MOVER CREG, X",
    "ADD CREG, =1'",
    "COMP CREG, Y",
    "BC LT, LOOP",
    "LTORG",
    "NEXT SUB AREG, =1'",
    "COMP AREG, Y",
    "BC GT, NEXT",
    "STOP",
    "X DS 1",
    "Y DS 1",
    "END"
]

# Generate literal table
generate_literal_table(assembly_code)
```

 Literal Table:

Literal	Value
5	209
6	210
1	211
1	218

