

QUESTION #1
FLOWCHART

LEGEND

P = CHEESE BURGER DELUXE

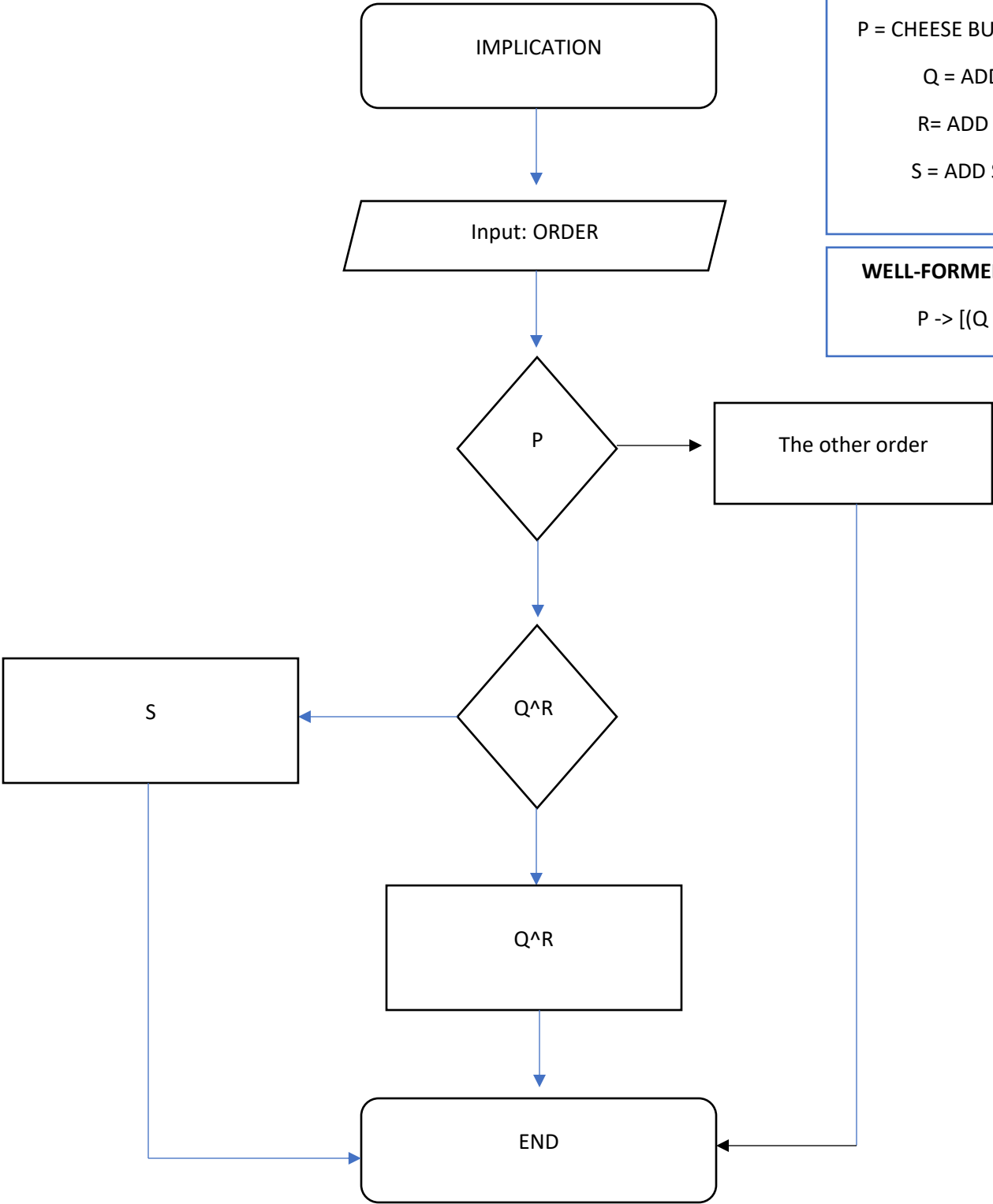
Q = ADD FRIES

R= ADD DRINKS

S = ADD SUNDAE

WELL-FORMED FORMULAS

$P \rightarrow [(Q \wedge R) \vee S]$



```
[3]: order = input("What is your order: ")
    if(order == 'Cheese Burger Deluxe'):
        question = input("Would you like to add fries and drink to your CBD?")
        if (question == 'Yes'):
            print("Cheese Burger Deluxe with additional fries and drinks.")
        else:
            print("Cheese Burger Deluxe with sundae.")
    else:
        print(order)
```

What is your order: Cheese Burger Deluxe
Would you like to add fries and drink to your CBD? Yes
Cheese Burger Deluxe with additional fries and drinks.