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#### Question 1

***Ask for additional fries and drinks to the order if the customer would buy a Cheese Burger Deluxe but add a Sundae instead if they do not. Always remember to print the receipt for every transaction.***

#### Propositions

p = fries  
q = drinks  
r = cheese burger deluxe  
s = sundae  
t = customer

WFF:

$$[t \rightarrow (r \wedge p \wedge q)] \vee t \rightarrow [(\neg r \wedge s)]$$

#### Code

```
print("Place your order:")

o = input()

if o == 'cheese burger deluxe' or 'Cheese Burger Deluxe':

    print(o + " add fries and drinks")

else:

    print("order add sundae")
```

#### Pseudo code

```
order = 'cheese burger deluxe'

if(order):

    print ("add fries and drinks")

else:

    print("add sundae")
```

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