

Pseudocode 1

Start

Set num1, num2 and num3

IF num1<num2 && num1<num3

Print "num1 SMALLEST"

ELSE IF num3<num1 && num3<num2

Print "num3 SMALLEST"

ELSE IF num2<num1 && num2<num3

Print "num2 SMALLEST"

End

Pseudocode 3

Start

Set num1 and num2

Set OPERATION to *, /

IF OPERATION *

print num1*num2

ELSE IF OPERATION /

print num1/num2

End

Algorithm 1

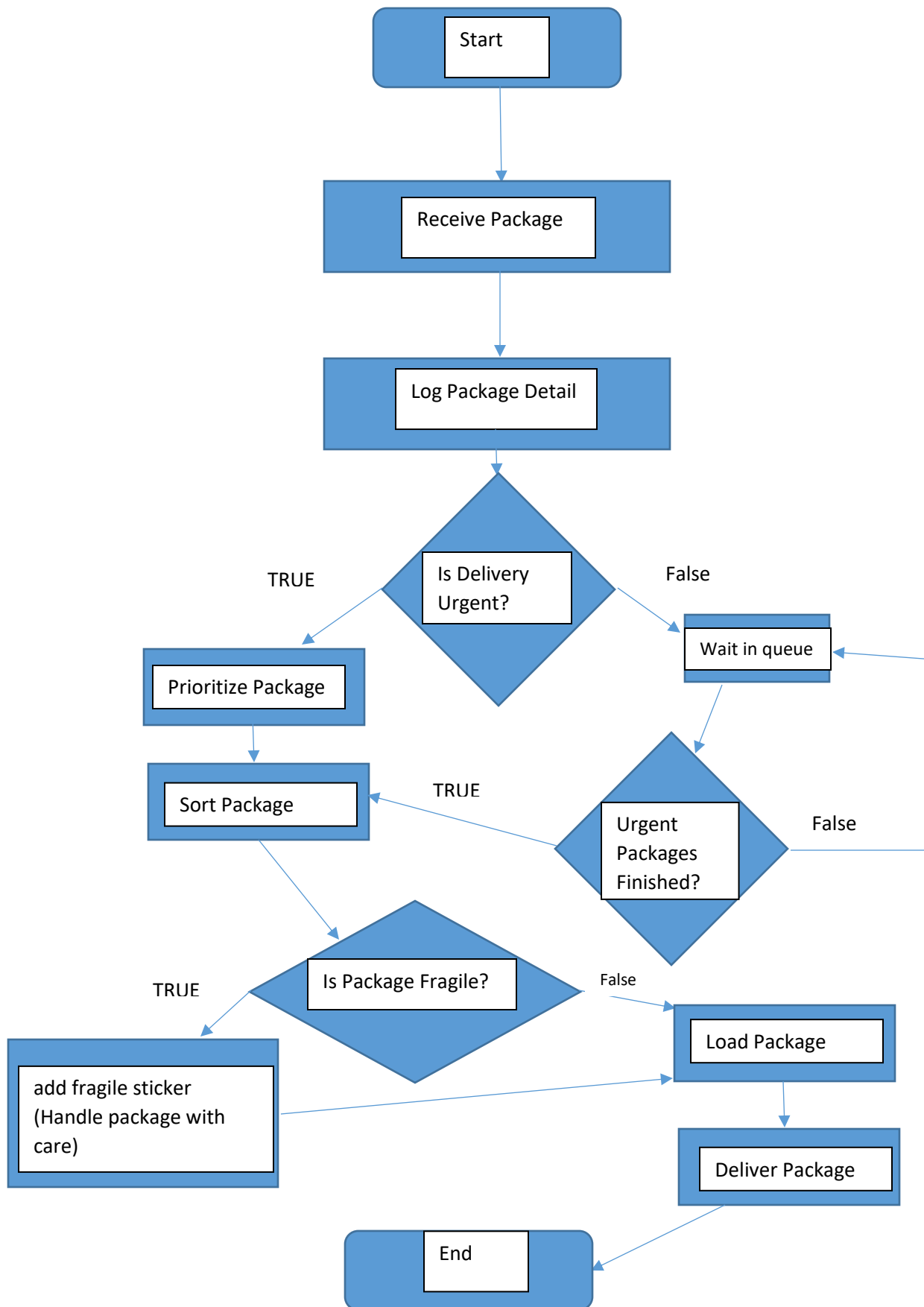
1. Ask the user to input number.
2. Calculate factors of number.
3. Display PRIME NUMBER if inputted number is divisible only by 1 and the number input.
4. Else if number is divisible by other numbers too display number as NOT a PRIME NUMBER.

Algorithm 2

1. Ask the user to input day number (1-365).
2. Calculate difference between inputted number and 1.
3. Divide difference by 7.
4. If remainder is 0 it is a Monday.
5. If remainder is 1 it is a Tuesday.
6. If remainder is 2 it is a Wednesday.
7. If remainder is 3 it is a Thursday.
8. If remainder is 4 it is a Friday.
9. If remainder is 5 it is a Saturday.
10. If remainder is 6 it is a Sunday.

Algorithm 3

1. Ask the user to input two numbers a, b.
2. Divide the greater number by the smaller number.
3. Replace greater number by the smaller number and the smaller number by the remainder.
4. Repeat step 2 and step 3 until remainder is 0.
5. Once the remainder is 0, the divisor will be the GCD of the two numbers.



Vending machine Flowchart

