Flowchart q1

Input item

input cost

if amount paid >= cost

if item = available

Print Item not available

Print error

Print Insufficient amount

if item dispensed = true

Flow chart q2

Input item

if item fragile = true

Receive carefully

yes

no

sorting carefully

Receiveing

if urgent delivery= true

sorting

Yes no

Normal delivery

Urgent delivery

Seudocode 1

Input num1   
input num2

Input num3

If num1<num2 and num1<num3

Print”num1 is smallest”

Else

If num2 < num3 and num2 < num1

Print”num2 is smallest”

Else

Print”num3 is smallest”

Seudocode 3

Input num1

Input num2

Input operator

If operator == “+”

Then answer = num1 + num2

Endif

If operator == “-“

Then answer = num1 – num2

Endif

If operator == “\*”

then answer = num1 \* num2

Else answer = num1/num2

Endif

Output operator

Algorithm 1

Consider a number N

If N is <= 1 then N is not a prime number

If N is divisible by another number by itself and 1 then it is not a prime number

If N is only divisible by 1 and N then it is a prime number

Algorithm 2

As written in question January 1 is Monday

Take a number between 1-365

Divide that number by 8

if remainder 1 then Monday

if remainder 2 Tuesday

if remainder 3 Wednesday

if remainder 4 Thursday

if remainder 5 Friday

if remainder 6 Saturday

if remainder 7 Sunday

algorithm 3