Q1.)

```
                    ( Start )
                        |
                        v
          /Recieve Package./
                        |
                        v
            / IF        \
           / Package =   \    Yes
          (  urgent       ) -------> [ OUTPUT Send package ]
           \  item.      /
            \           /
                |
               No
                |
                v
            /  IF         \
           /  Package =    \  --------> [ OUTPUT Send package ]
          (   Fragile       )
           \   Item        /
            \             /
                |
               No
                |
                v
             (  end  )
```

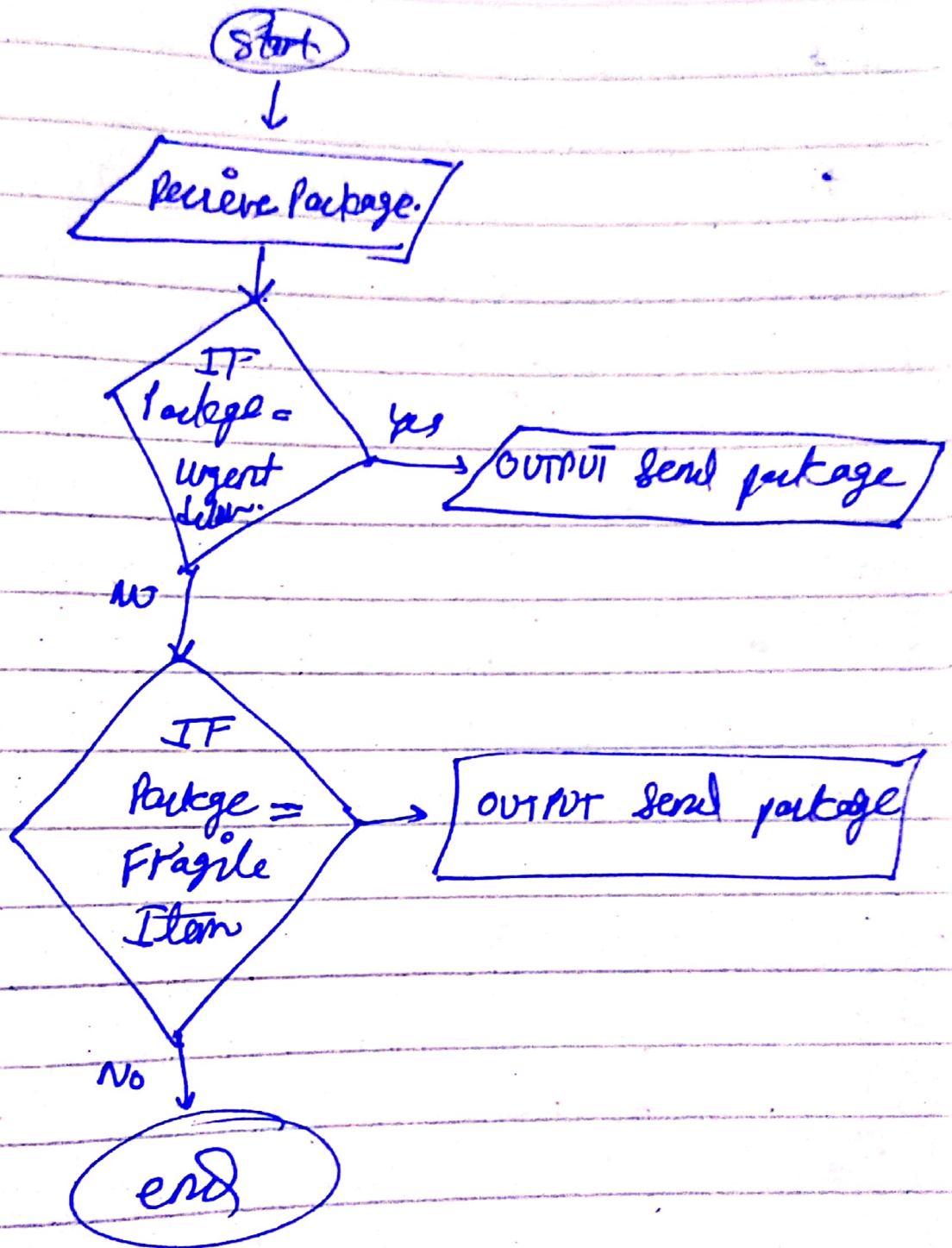→ Problems (Pseudocode):-

•) Q1)   INPUT   N1, N2, N3

         IF N1 < N2 AND   N1 < N3 THEN

            OUTPUT " The smallest numbers is", N1

         ELSEIF N2 < N3 AND N2 < N1 THEN

            OUTPUT " The smallest number is", N2

         ELSE

            OUTPUT " The smallest number is", N3

         ENDIF

Q2)   INPUT N1, N2.

        ~~N2 com = NOT N2~~

        N2 com = NOT N2

        N2 TCom = N2com + 1

        Subtract = N1 + N2 TCom

        OUTPUT "subtracted", subtract

Q3)   INPUT N1, N2, operator
IF operator = '*' THEN
    result = N1 * N2
ELSEIF operator = '/' THEN
    result = N1 / N2
ENDIF
OUTPUT result.

→ **Algorithm :—**

Q1)   1.) INPUT num
2.) Build a loop to counter in the range $(2, \sqrt{num})$.
3.) IF num % counter = 0, print 'not prime'
4.) IF num % counter is not = 0, print 'prime'.

Q2)   1. INPUT num
2. IF num % 7 = 0, output 'Monday'
   ELSEIF num % 7 = 1, Tuesday
ELSEIF num % 7 = 2 '' Wednesday
ELSEIF   = 3 '' Thursday
ELSEIF   = 3 '' Friday
   ''   ''   = 5 '' Saturday
   ''   ''   = 6 '' Sunday

3.

1.) Input N1, N2

2.) While N2 != 0 do;
   remainder = N1 % N2.

   N1 = N2

   N2 = remainder

3.) If N2 = 0, output N1, "is GCD".