```
COPY1 = West?c:char -> East!c -> COPY1


COPY = West?c1:char -> COPY2(c1)

COPY2(c1) =   West?c2:char -> East!c1 -> COPY2(c2)
             []
              East!c1 -> West?c1:char -> COPY2(c1)


GCD = Input?id.x.y -> GCD(id, x, y)

GCD(id, x, y) = if (x = y) then
                  Output!id.x -> GCD
                else if (x > y) then
                  GCD(id, x-y, y)
                else
                  GCD(id, x, y-x)
```

Examples of Modern CSP.