

```
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.

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