

Algorithm: System of simultaneous equation

- Read a, b, c, p, q and r
- Compute
$$q = q - \frac{p*b}{a}$$
$$r = r - \frac{p*c}{a}$$
- If (q = 0) then
Print("No solution")
STOP
- else
$$y = \frac{r}{q}$$
$$x = \frac{c-b*y}{a}$$
Print(x, y)

End if

END