* Step 1: Start
* Step 2: primes = 0
* Step 3: i = 2
* Step 4: if primes == 100 then GOTO Step 14
* Step 5: f\_count = 0
* Step 6: j = 1
* Step 7: if j > i then GOTO Step 11
* Step 8: f i % j == 0 then f\_count = f\_count + 1
* Step 9: j++
* Step 10: GOTO step 7
* Step 11: IF f\_count == 2

print i

primes = primes + 1

ENDIF

* Step 12: i++
* Step 13: GOTo Step 4
* Step 14: Stop

