

```

# twin prime list
restart
smaller := Vector[row](100) :
larger := Vector[row](100) :
count := 1 :

for a from 3 to 2001 by 2 do
if isprime(a) and isprime(a + 2) then smaller(count) := a; larger(count) := a + 2; count := count
    + 1; end if;
end do;

```

smaller

$$\left[3 \quad 5 \quad 11 \quad 17 \quad 29 \quad 41 \quad 59 \quad 71 \quad 101 \quad 107 \quad 137 \quad 149 \quad 179 \quad 191 \quad 197 \cdots \right] \quad (1)$$

larger

$$\left[5 \quad 7 \quad 13 \quad 19 \quad 31 \quad 43 \quad 61 \quad 73 \quad 103 \quad 109 \quad 139 \quad 151 \quad 181 \quad 193 \quad 199 \cdots \right] \quad (2)$$

yeah, this code looks correct