modulo = 20;

zero\_divisors = [];

for x = 1:modulo-1

is\_zero\_divisor = false;

for y = 1:modulo-1

if mod(x \* y, modulo) == 0

is\_zero\_divisor = true;

break;

end

end

if is\_zero\_divisor

zero\_divisors = [zero\_divisors, x];

end

end

disp('Zero Divisors in Integers Modulo 20:');

disp(zero\_divisors);