```
format short
       \% a1 a2 b1 b2 c1 c2 m
       % 7 5 5 3 5 7 7
 vals = [7 5 5 3 5 7 7]
 vals = 1 \times 7
     7 5 5 3 5 7 7
 a1 = vals(1); a2 = vals(2); b1 = vals(3); b2 = vals(4); c1 = vals(5); c2 = vals(6);
 m = vals(7);
Solving
 A = [a1 b1; a2 b2]
  A = 2 \times 2
     7
 B = [c1; c2]
  B = 2 \times 1
      5
      7
 C = mod(A \setminus B, m)
  C = 2 \times 1
     5.0000
     1.0000
Verification
 syms k
 x = m*k + 5;
 y = m*k + 1;
 eq1 = mod(a1*x + b1*y, m) == mod(c1, m);
 logical(eq1)
  ans = logical
    1
 eq2 = mod(a2*x + b2*y, m) == mod(c2, m);
 logical(eq2)
```