```
b= x5.+x4 -2x3+4.x2.+x+5
           a=x5+x4+x3+x2 . b=x5+x4+x+1
a) Filt
          X2+ X4 + X3 + X5 = (X2+ X4 + X+1)(1) + (+3+x2+x+1)
           X3.+x4.+x+1 = (.X3.+X2.+x+1)(X2+1)+(0)
         3cd(x5+x4+x3+x2, X5+x4+x+1) = X3+X2+x+1
b) F3(x)
           a= x5+x3+2x+2 b= x5+x4+x3+x2+x+2
    x5+x3+2x+2=(x5+x4+x3+x2+x+2)(1)+(2x4+2x2+x)
     X2+ X4+ X3 + X5 + X+5 = (544 + 5+5 + x) (5x+5) + (x5+5++5)
     2 x4 +2+2+ + = (+2 +2+ +2)(2 x2+2x)+(0)
 3cd (x5+ x3+2++2) x3+x4+x3+x2+++2) = x2+2x+2
                                    b = x5+x4+3+3+4+2++
c) Fo(x)
            a= x5+3x4+2+2+2+2
  x^{5} + 3x^{4} + 2x^{2} + 2x + 2 = (x^{5} + x^{4} + 3x^{3} + 4x^{2} + x)(1) + (2x^{4} + 2x^{3} + 3x^{2} + x + 2)
   x5+ x4 +3x3 + 4x2 +x= (2x4+2x3+3x2+ x+2)(3+)+(4x3+x2)
   2+^{4}+2x^{3}+3x^{2}+4+2=(4x^{3}+x^{2})\cdot(3x+1)+(2x^{2}+x+2)
   4,3+x2 = (2x2+x+2)(2x+2)+(4x+1)
    2x2+x+2 = (4x+1)(3x+2)+(0)
  aca(x5+3+4+2+2+2x+2, x5+x4+3+3+442+x) = x+1
                                      b=X5+X4+SX3+4X2+ x+5
d) Fyc+) a= x5+3x4+2x3+4x2+2x+2
    X5+3x4+2x3+4x2+2++2=(x5+x4+5x3+4x2+x+8)(1)+(2x4+4x3+x+4)
    X5+x4+5x3+4x2+.x+5= (2x4+.4x3+x+4)(4x+3)+(3x)
     2x4 + 4x3+x+4 = (3x).(3x.3+6x2+8) +(4)
       3x = (4)(6x)+0
                       ged=1
```

a= x5.+3+ -5+3:-3x2.+2x.+2