```
probleme 2:
    Aloxonithme esc:
      12 ebul
          counter =0
          size (m/
          gallet (m, mat, 0,0)
           genteralt (mot, m, " hesultitat", O, counter)
            showFile (" Agrillotot", counter )
        Fin
TOONT:
   me toblean 19 x 19 enties
LVO:
     counter: entire
      showfile, cine, fil Mot, openhesult! Procedure
      m : enties
nodule Soisin:
  procedure size (em: entres)
     Debut-
        Si non (4 < m < 49) olos
           pine (1 enter N")
            ine (m)
           Size (m/
```

Fin

```
Module remphisoge:
procedure fill Mot (n: entin) @ mot:m, i: enting &: enties)
  Debul
     Sicher 7 Cmolos
          mum = olea (2,99)
          Column Index ~ 8
         line Imper C 1
           Si 5 = m - 1 olan
              columnImolex 60
              Line Produce (1+1)
            Simon SummIndex C 1+1
            Fir Si
            si isprine (num, 2) alors
                  mour = [ Buil tom
                   fill Mot (m, mot, live Indese, column Indese)
                   Q. DMot (m, mol; 1, 8)
               Fin Si
          Fin
 てわるい
  LineIndex, columnater: enties
   num; entres
   'uprine ! fonction
```

nodule est premies! fontioniprine (m: entre, 1: entre): booleen! Nebout Celo 1 < m > ci i < m div 2 oloss melo ot i bom miz retourner is prime (m, 1+1) retourner forme fin Ci retournes Unoi retournes foux سنى شرى Fin

module gan Resultat !

procedure gentesult (m : m, m: ention, Sic: chaine, i. rention, @ counter: entir); Debut outin (sac, mystile, " a") Si long ('usoted (m, n, i, fame)) > 0 olon cone\_ne ("usgated (m, m, i, fame)) > 0 019m2

evice\_ne (onus File, " = "+ comboh (") + " + issorted (m, m, i) force) + comboh (an [i, n-1]) Counter a counter + 1 Si Long (vissorted (m, m, i, Unsi)) o olor cuie. ml (my File, "L"+convola (i)+" p"+ is outed (m, m, i, Vai) + convola (m [a-1, i])) counter = counter +1 fermer (my File) ojenResult (m, mjsrc, i+1, counter) Fernes (myfile) Fin TROL: my File: fishaies texte is Sorted! fon tion

Module is Sorted
fonction in Sorteb (matie m, m: entir, L: entir, istine! booken)! shows de choron;
Below
checktoner - Vrai
Sheek Den _ Unon
the String = ""
tont que & < m-1 fois
tentappe & C
First < mod [L, 8]
Then = mod [L1, 8+1]
Sinen
First _ mol-[I]
Then = med-[f+1][]
Fin Si
Si Fint Than dos
Dethoer - fame
check Pro - Come
Finsi
Si che Miran on Incubilden aloss the String = the String + conval (First) +"-"
the string -
Fin Gi

T = +1 Fin Contrapul retourner the String Fin TOOL; Shew Incr, Speck Bour: booken

First, Thon: entire

the String " hours

8: enties

Module affishage frishrets Procedure show File (rox; home, size: entro): outlin (sr, my Eile, 4,4) pom i de loi Siza foire econine (lient (my File)) fri pour

Fin

my Fil : firthæsterte 1: entres