```
CI-2611 Algoritmos y estructuras I
Gerardo Carrillo 15-11662
Ejercicios: Arreglos y subprogramas en GCL
Ejercicio 3
```

```
11 const A: array[o., m)x[o., n) of int
  const mine int
  var fil, col, sumaf, sumac : int
  var premagibool
  forn a orms
   fil, sumaf, sumac := 0,0,0
  ; premag := folse
  (Po: premag = (Ji, Jlosic fil a OSJen: (+wloswen: A[i][w])=
     (+zloszkm: AlzI[J]) , (of filem+1)}{to: m-fil}
   do filem a premag=false-
      suma Fila (A, m, n, fil, sumaf)
      ; col := 0
       Premag= (Itoejecol: (+wloewen: Alfillul)=
           (+zlo=zcm: A[z][j]) ~(o=colcn+1) { ti:n-col}
       do colen a premag = false -
            Suma Colum (A, m, n, col, somac)
           ; premag := (sumaf = sumac)
        od ; col := col + 1
      ; fil := fil+1
  {Q: premag=(di,jlosicm nosjen: (twloswen: Alidew)=
       (+21052cm: A[2][7])}
```

```
Procedimientos utilizados
```

```
o proc sumatila (in B: array [o..p)x[o..q) of int,
                in p,q, r: int; out suma: int)
  800 p a 0093
   {Q: suma=(+110=11cq: BEFJEH])}
   [ you t: int
     t, suma := 0,0
      {P: (+Klosket: BEFJEK]) = soma ~ (OSTEG+1)} lota: 9-2}
      do TLQ
         Suma := Suma + BEFILT]
      1+ナニ・丁;
      Od
o proc suma Colum (in B: array [o.p)x[o.q) of int,
                   in pace int; out suma : int)
  20< pn 0<93
  {Q: suma= (+11/0=14p: B[x][c])}
   [var t: int
    t, suma := 0,0
     {P: (+NOENZT: BENJECT) = suma n (OETCP+1)}{cota: p-T}
     do TLP-
         suma := suma + B[t][c]
        1+J=:J;
```