

Dicotómica en Archivos

VAR

a : file of integer;
 num, numi, numj, valor, i, j, aux, inf, sup, med : integer;
 band : boolean;

CARGA

if not eof(a)	
V	F
seek (a, filesize(a))	
writeln ('ingrese un numero <> 0')	
readln (num);	
while num <> 0	
	write (a, num)
	readln (num)

ORDENA

reset (a)	
for l := 0 to filesize(a)-2	
for j := i+1 to filesize(a)-1	
seek (a , i)	
read (a , numi)	
seek (a , j)	
read (a , numj)	
numi > numj	
V	F
seek (a, i)	
write (a , numj)	
seek (a , j)	
write (a , numi)	

DICOTOMICA

writeln('ingrese valor a buscar')	
readln (valor)	
reset (a)	
sup := filesize(a)-1	
inf :=0	
band := false	
while (not(eof(a))) and (inf <= sup) and (band=false)	
med := (inf + sup) div 2	
seek (a , med)	
read (a , num);	
num = valor	
V	F
band:= true	num > valor
	V
	F
sup := med - 1	inf := med + 1
valor = num	
V	F
writeln ('encontrado', MED, 'es la posicion')	writeln ('NO esta en el archivo')