

```

PRG 1
clear
set talk off
close all database
use elevi1
index on nume tag nume
use olimp in 1
use elevi1 in 2 order nume
sele 1
set relation to nume into b
list a-> nume, b-> clasa for
(rez_obt = 'premiul I') or
(rez_obt = 'premiul II') or
(rez_obt = 'premiul III')
close all database
use elevi1 in 1
use olimp in 2
sele 1
join with b to rezultate for a-
> nume=b -> nume fields
a.numa, a.prenume, a.clasa,
a.medie, b.disciplina,
b.rez_obt
use rezultate
brow
use

```

```

PRG 3
clear
set talk off
use biblio.dbf
list
input 'editura' to ed
sort to edit on autor/ac fields
titlu, autor, pret for
editura=ed
use edit
brow
input 'editura' to ed1
input 'pret' to p
use biblio
replace pret with
pret*(pret*p)/100 for
editura=ed1
brow

```

```

PRG 4
clear
close databases
use elevi
replace med with
(n1+n2+n3)/3 for (n1>=5) and
(n2>=5) and (n3>=5)
list
close datab
select nume, max(med) as
medie;
from elevi;
group by clasa;
into table medie
close datab

use elevi
close datab

```

```

PRG 5
clear
set talk off
use biblio
list
input 'autor' to x
sort to copie on titlu for
autor = x
use copie
brow
use biblio
sort to restantieri on
date_cit/ac for
data_rest>{'2005-02-02}
use restantieri
brow

```

```

PRG 6
clear
set talk off
use elevi
input 'clasa' to c
list for (clasa=c) and(med>8)
go top
count for med<5 to respinsi

```

```

? sunt', respinsi,'elevi cu
medie mai mica de 5'
use

PRG 7
clear
set talk off
use elevi
sort to auxiliar on clasa/ac,
med/dc
use
erase elevi.dbf
rename auxiliar.dbf to
elevi.dbf
use elevi
brow
go top
? 'lista elevilor cu note intre 9
si 10'
list for (med>=9) and(
med<=10)
use

```

```

PRG 8
a)close datab
clear
delete file pret.dbf
close databases
use carti
clear
@3,8 to 20,60 double
@4,10 say 'titlu='
@4,20 get m.titlu size 1,30
default ''
@6,10 say 'autor='
@6,20 get m.autor size 1,30
default ''
@8,10 say 'editura='
@8,20 get m.editura size 1,30
default ''
@10,10 say 'an='
@10,20 get m.an size 1,4
default 0
@12,10 say 'numar='
@12,20 get m.nr size 1,5
default 0
@14,10 say 'gen='
@14,20 get m.gen size 1,15
default ''
@16,10 say 'pret='
@16,20 get m.pret size 1,7
default 0
@18,10 get m.b1 function *N
OK' size 1,6 default 1 valid
vb1()
@18,19 get m.b2 function *N
Nou' size 1,6 default 1 valid
vb2()
@18,25 get m.b3 function *N
Cancel' size 1,6 default 1
valid vb3()
read cycle
function vb1

```

```

append blank
gather memvar
show get m.titlu
disable
show get
m.autor disable
show get
m.editura disable
show get m.an
disable
show get m.nr
disable
show get m.gen
disable
show get m.pret
disable
function vb2
m.titlu=''
m.autor=''

```

```

m.editura=' '
m.an=0
m.nr=' '
m.gen=' '
m.pret=0
show get m.b1
enable
show get m.titlu
enable
show get
m.autor enable
show get
m.editura enable
show get m.an
enable
show get m.nr
enable
show get m.gen
enable
show get m.pret
enable
show get m.b3
disable
function vb3
clear read
clear
brow
close datab
b)use carti
sum (pret*nr) to sum1
?Suma tuturor cartilor
este:',sum1
go top
input 'genul dorit este:' to x
sum (pret*nr) for gen = x to
sum2
? 'suma cartilor din genul
dorit este:',sum2
c)use carti
input 'Titlul cartii este:' to t
locate for titlu=t
if found()
display
autor,editura,an,pret,nr,gen
else
? 'Nu exista!'
endif

```

```

PRG 9
clear
close datab
use elevi
clear
@2,6 to 16,60 double
@4,10 say 'numar='
@4,21 get m.numar size 1,7
default ''
@6,10 say 'marca='
@6,21 get m.marca size 1,20
default ''
@8,10 say 'culoare='
@8,21 get m.culoare size
1,15 default ''
@10,10 say 'an_fabric='
@10,21 get m.an_fabric size
1,6 default 0
@12,10 say 'proprietar='
@12,21 get m.proprietar size
1,30 default ''
@14,10 say 'adresa='
@14,21 get m.adresa size
1,20 default ''
@14,10 get m.b1 function *N
OK' size 1,6 default 1 valid
vb1()
@14,22 get m.b2 function *N
Nou' size 1,6 default 1 valid
vb2()
@14,35 get m.b3 function *N
Cancel' size 1,6 default 1
valid vb3()
read cycle
function vb1
append blank

```

```

gather memvar
show get
m.numa disable
show get
m.clasa disable

```

```

show get
m.matricol disable
show get
m.adresa disable
show get
m.telefon disable
function vb2
m.numa=' '
m.clasa=' '
m.matricol=0
m.adresa=' '
m.telefon=' '
show get m.b1
enable
show get
m.numa enable
show get
m.matricol enable
show get
m.adresa enable
show get
m.telefon enable
show get
m.clasa enable
show get m.b3
disable
function vb3
clear read
clear

```

```

brow
clear
close datab
input 'matricol:' to m
use elevi
brow fields
nume,clasa,adresa,telefon
for matricol = m
close datab
use elevi
delete for matricol = m
pack
brow fields
nume,clasa,adresa,telefon

```

```

PRG 10
clear
close datab
delete file marca.dbf
delete file an_fabric.dbf
use masini
@2,6 to 18,60 double
@4,10 say 'numar='
@4,21 get m.numar size 1,7
default ''
@6,10 say 'marca='
@6,21 get m.marca size 1,20
default ''
@8,10 say 'culoare='
@8,21 get m.culoare size
1,15 default ''
@10,10 say 'an_fabric='
@10,21 get m.an_fabric size
1,6 default 0
@12,10 say 'proprietar='
@12,21 get m.proprietar size
1,30 default ''
@14,10 say 'adresa='
@14,21 get m.adresa size
1,20 default ''
@16,10 get m.b1 function *N
OK' size 1,6 default 1 valid
vb1()
@16,22 get m.b2 function *N
Nou' size 1,6 default 1 valid
vb2()
@16,35 get m.b3 function *N
Cancel' size 1,6 default 1
valid vb3()
read cycle
function vb1
append blank

```

```

gather memvar
show get
m.numar disable
show get
m.marca disable

```

```

show get
m.culoare disable

show get
m.adresa disable

show get
m.an_fabric disable

show get
m.proprietar disable
function vb2
m.numar='
m.marca='
m.culoare='
m.adresa='
m.an_fabric=0
m.proprietar='
show get m.b1

enable
show get
m.numar enable

show get
m.adresa enable

show get
m.marca enable

show get
m.an_fabric enable

show get
m.proprietar enable
show get m.b3

disable
function vb3
clear read
clear

brow
close datab
use masini
input 'Numarul masinii este:'
to m
go top
brow fields
marca,culoare,an_fabric,
proprietar, adresa for numar
= m
close datab
use masini
sort to an on an_fabric/dc
use an
brow
use masini
sort to marc on marca/ac
use marc
brow

PRG 11
clear
close datab
delete file pr_total.dbf
delete file data_f.dbf
delete file pret.dbf
close datab
use magazin
@2,6 to 14,60 double
@4,10 say 'nume='
@4,20 get m.numa size 1,30
default ''
@6,10 say 'pret='
@6,20 get m.pret size 1,10
default 0
@8,10 say 'data_f='
@8,20 get m.data_f size 1,10
default { / / }
@10,10 say 'cantitate='
@10,20 get m.cantitate size
1,5 default 0
@12,10 get m.b1 function "N
OK" size 1,6 default 1 valid
vb1()
@12,22 get m.b2 function "N
Nou" size 1,6 default 1 valid
vb2()
@12,35 get m.b3 function "N
Cancel" size 1,6 default 1
valid vb3()
read cycle
function vb1
append blank

gather memvar

```

```

show get
m.numa disable

show get m.pret
disable

show get
m.data_f disable

show get
m.cantitate disable
function vb2
m.numa='
m.pret=0
m.data_f={ / / }
m.cantitate=0
show get m.b1

enable
show get
m.numa enable

show get m.pret
enable

show get
m.data_f enable

show get
m.cantitate enable
show get m.b3

disable
function vb3
clear read
clear

brow
close datab
sort to data_f on data_f/d
sort to pret on pret
use data_f
brow
use pret
brow
close datab
select sum(pret*cantitate)as
total;

from magazin;
into table

pr_total
list
close datab

PRG 12
clear
close datab
delete file interpr_sort.dbf
delete file data_sort.dbf
close datab
use casete
@2,6 to 16,60 double
@4,10 say 'interpret='
@4,20 get m.interpret size
1,25 default ''
@6,10 say 'album='
@6,20 get m.album size 1,25
default ''
@8,10 say 'pret='
@8,20 get m.pret size 1,6
default 0
@10,10 say 'data='
@10,20 get m.data size 1,10
default { / / }
@12,10 say 'gen:'
@12,20 get m.gen size 1,30
default ''
@14,10 get m.b1 function "N
OK" size 1,6 default 1 valid
vb1()
@14,22 get m.b2 function "N
Nou" size 1,6 default 1 valid
vb2()
@14,35 get m.b3 function "N
Cancel" size 1,6 default 1
valid vb3()
read cycle
function vb1
append blank

gather memvar

show get
m.interpret disable

show get
m.album disable

```

```

show get m.pret
disable

show get m.data
disable

show get m.gen
disable
function vb2
m.interpret='
m.album='
m.pret=0
m.data={ / / }
m.gen='
show get m.b1

enable
show get
m.interpret enable

show get
m.album enable

show get m.pret
enable

show get m.data
enable

show get m.gen
enable

show get m.b3
disable
function vb3
clear read
clear

brow
close datab
input 'pret nou:' to pr
input 'data:' to d
input 'album:' to n
use casete
replace pret with pr, data
with d for album = n
brow
sort to data_sort on data/ac
use data_sort
brow
sort to interpr_sort on
interpr/ac
use interpr_sort
brow

PRG 13
clear
close datab
delete file luna.dbf
delete file zi.dbf
use banca
@2,6 to 16,60 double
@4,10 say 'valuta='
@4,20 get m.valuta size 1,25
default ''
@6,10 say 'data='
@6,20 get m.data size 1,10
default { / / }
@8,10 say 'valoare='
@8,20 get m.valoare size 1,8
default 0
@10,10 say 'cantitate='
@10,20 get m.cantitate size
1,10 default 0
@12,10 get m.b1 function "N
OK" size 1,6 default 1 valid
vb1()
@12,22 get m.b2 function "N
Nou" size 1,6 default 1 valid
vb2()
@12,35 get m.b3 function "N
Cancel" size 1,6 default 1
valid vb3()
read cycle
function vb1
append blank

gather memvar

show get
m.valuta disable

show get m.data
disable

show get
m.valoare disable

```

```

show get
m.cantitate disable
function vb2
m.valuta='
m.data={ / / }
m.valoare=0
m.cantitate=0
show get m.b1

enable
show get
m.valuta enable

enable
show get
m.valoare enable

show get
m.cantitate enable
show get m.b3

disable
function vb3
clear read
clear

brow
close datab
input 'luna:' to l
input 'valuta:' to val
select max(valoare) as
pr_max;

from banca;
where
month(data)=l and
(valuta=val);
into table luna

brow
close datab
input 'data:' to d
select sum(valoare*cantitate)
as pr_zi;

from banca;
where data=d;
into table zi

PRG 14
clear
set talk off
use actor.dbf
brow
brow for nr_filme>10
brow for (sex = 'f') and
(nr_filme = 0 )
sort to actor_sort on sex/dc ,
nr_filme/dc
use actor_sort
brow
use

PRG 15
clear
set talk off
use elev.dbf
i=1
go top
do while not eof()
replace media with(
nota1+nota2)/2
i=i+1
skip
enddo
brow
copy to admisi for media=>5
use admisi
brow
sort to admisi_sort on
media/dc
use admisi_sort
brow
use elev
copy to respinsi for media<5
use respinsi
brow
sort to respinsi_sort on
nume/ac
use respinsi_sort
brow
use

PRG 16
clear
set talk off
use student.dbf

```

```

i=1
go top
do while not eof()
replace tip_bursa with '0' for
(media< 8.00)
replace tip_bursa with '1' for
(media>=8.00) and
(media<=9.49)
replace tip_bursa with '2' for
(media>=9.50) and
(media<=10.00)
i=i+1
enddo
i=1
go top
do while not eof()
replace suma with 0.00 for
tip_bursa = '0'
replace suma with
1000000.00 for tip_bursa = '1'
replace suma with
2000000.00 for tip_bursa = '2'
i=i+1
enddo
brow
input 'tipul bursei: ' to tb
brow for tip_bursa = tb

```

```

s1=0
s2=0
scan all for tip_bursa = '1'
s1=s1+suma
endscan
scan all for tip_bursa = '2'
s2=s2+suma
endscan
? 'suma necesara pentru
bursa de tip 1 este: '
?s1
? 'suma necesara pentru
bursa de tip 2 este: '
?s2
use

```

PRG 17

```

use state
input 'tara pentru care se
doreste afisarea capitalei si
populatiei' to t
list fields capitala, populatie
for nume_tara=t
input 'continentul pentru care
se doreste afisarea tarilor si
capitalelor' to c
list fields nume_tara,
capitala for continent=c
sum populatie to x
?'populatia lumii este',x
input 'continentul pentru care
se doreste afisarea populatiei'
to c1
sum populatie for continent =
c1 to y
?'populatia continentului',c1,
'este', y
use

```

PRG 18

```

clear
close datab
delete file rez.dbf
close datab
use atestat
replace notaf with
(notap1+notap2)/2 all
brow
go top
sort to rez on notaf/dc
use rez
brow
use

```

PRG 19

```

clear
close datab
use produse
?'Valoare stocuri'
calculate
sum(cantitatea*pret_cump)
to valocump

```

```

calculate
sum(cantitatea*pret_vanz) to
valovanz
?'Valoarea stocului la
cumparare=',valocump
?'Valoarea stocului la
vanzare=',valovanz
close datab
use produse
?'Cantitate>0'
brow fields
cod_prod,denumire,cantitate
a,pret_cump,pret_vanz for
cantitatea>0
close datab
?'Vanzare a unui produs'
input 'cod produs:' to cod
input 'cantitate:' to cant
use produse
replace cantitatea with
(cantitatea - cant) for
(cod_prod = cod)
brow
close datab

```

PRG 20

```

clear
set talk off
use spital.dbf
brow
input 'numele bolii: ' to bl
brow for boala = bl
input 'pacientul: ' to num
brow for nume = num
sort to spital_sort on
nume/ac
use spital_sort
brow
use

```

PRG 21

```

clear
close datab
delete file meserii.dbf
delete file disponibil.dbf
input 'nrpostdisp:' to x
input 'meserie:' to a
use fortam
go top
do while not eof()
if meserie=a
replace
nrpostdisp with
(nrpostdisp+x) for meserie = a
else
append blank
replace
nrpostdisp with x
replace meserie
with a
endif
enddo
brow
delete for nrpostdisp=0
*pack
brow
close datab
select count(meserie) as
numar;
into table
meserii
brow
select sum(nrpostdisp) as
disponibil;
from fortam;
into table
disponibil
brow
close all

```

```

with a
endif
enddo
brow
delete for nrpostdisp=0
*pack
brow
close datab
select count(meserie) as
numar;
into table
meserii
brow
select sum(nrpostdisp) as
disponibil;
from fortam;
into table
disponibil
brow
close all

```

PRG 22

```

clear
set talk off
use elevi
i=1
go top
do while not
eof()
replace media
with (nota_rom+nota_mat)/2

```

PRG 23

```

clear
set talk off
use muncitor.dbf
brow
s=0
i=1
go top
do while not eof()
s=s+salariu
i=i+1
skip
enddo
?'Suma necesara platii
salarilor este: '
?s
use muncitor
input 'salariul: ' to salariul
brow for salariu=salariul
use muncitor
delete for salariu=0
brow
use

```

PRG 24

```

clear
set talk off
use Bac1
i=1
go top
do while not
eof()
replace
total_abs with
(abs_mot+abs_nemot)
i=i+1

```

```

i=i+1
skip
enddo
brow
use elevi
sort to elevi_sort on
media/dc
use elevi_sort
brow for (nota_rom>=5) and
(nota_mat>=5) and
(media>=5)
input 'numele: ' to numele
brow for nume=numele
use

```

PRG 25

```

clear
set talk off
use muncitor.dbf
brow
s=0
i=1
go top
do while not eof()
s=s+salariu
i=i+1
skip
enddo
?'Suma necesara platii
salarilor este: '
?s
use muncitor
input 'salariul: ' to salariul
brow for salariu=salariul
use muncitor
delete for salariu=0
brow
use

```

PRG 26

```

clear
set talk off
use Bac1
i=1
go top
do while not
eof()
replace media
with (nota1+nota2+nota3)/3
i=i+1
skip
enddo
list
use bac1
sort to bac1_sort on
media/dc
use bac1_sort
list
use

```

PRG 27

```

clear
set talk off
use agenda
brow
sort to agenda_sort on
num_pren/ac
use agenda_sort
brow
use agenda
input 'numele: ' to nume
list for num_pren= nume
use

```

PRG 28

```

clear
set talk off
use absente.dbf
i=1
go top
do while not
eof()

```

```

replace
total_abs with
(abs_mot+abs_nemot)
i=i+1

```

```

skip
enddo
brow
use absente
sort to absente_sort on
total_abs/dc
use absente_sort
brow
use
PRG 27
clear
set talk off
use farmacie.dbf
brow
sort to farmacie_sort on
medicament/ac
use farmacie_sort
input 'expira la: ' to exp
brow for data_exp<= exp
use
PRG 28
clear
set talk off
use admitere.dbf
i=1
go top
do while not
eof()

```

```

replace media
with (nota1+nota2)/2
i=i+1
skip
enddo

```

```

i=1
go top
do while not eof()
replace rezultat with 'admis'
for media>=5
replace rezultat with
'respins' for media<5

```

```

i=i+1
enddo
brow
use admitere
copy to admitere_a for
rezultat= 'admis'
use admitere_a
sort to admitere_a_sort on
media/dc
use admitere_a_sort
brow
use admitere
copy to admitere_r for
rezultat = 'respins'
use admitere_r
sort to admitere_r_sort on
media/dc
use admitere_r_sort
brow
use

```