CSE-B

2

(define m so)

(define n 100)

(dyind brandy))

(duplay list " In yordy n= " n))
((new line)

dyine (leuxel m)

Coliplay list " In Law, m= "m)

(nuoluis)

(diplay (lint "In lawere, n="n))

(new line)

(hardy))

87

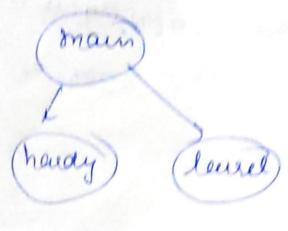
(lame)

(hardy)

leuri (

heady

Call gaph



nexted relationship

main 2100 21197 lame 21100 22100 hardy 21100 (2100) hardy 2100 21190	Scope	J. sn	n	/
hardy (210) (2100	main	2110	<114>	
	1		1	

MX1103 = 20

n21147 = 100

U147 = 100 1971

value of expression is 100 obtained (n2114)

Cau lawel 1 n2210 (redlclared value of

duplay In lawel moso (mico)

duplay En lavel n=1 (n2210)

colling hardy ()

desplay in hardy (n/210>) [n=1]

retern to laure Reteren to main causing hoody despices in housely 51=100 hus despring (n(1145) =100

leturn main ()

Scope	w	n
marin	4110	(147
laure	400	0100
hardy	4100	(114)

Statie coordinale

n(147=100

value of emp is 100 (n2114>)

take call laure

duplay in laws m=50 (m21103)

display in lawel 8=1001 nc210> display in hardy 1721145

> Setuen to laure action to main

call hardy display n21145

dence it is statistically scoped whatever valeur in lawre in not known to hardy

1 lugin

inlegn global n.

Procedure laure (n: inlegu),

legin

percedure hardy

begin

paint (global);

print n;

and

ey neu flier laure (not

eln hardy

lund

Call grapy main James ? (herdy) mauri nested Edelionship graph (Inagely) g dobal :- g J global, n g(110) =99 m(14>=100 calling larel (1) n(210) Chicking condition nc4 laure negros calling louvel again ouln calling rardy. Der hardig display quicos m(210) Agter loop completes enit

wanted and when

main	921,00	n6140	
laurel	94105	ML2100	
laure	9 4100	n23100	0.7.0
hardy)	9410	n22107	n itaatu
			theeking .

globalg: 99 92110> n2114>=100 care larrel n2210>=1

* checks condition Carely 100 +1
- n2310)

statically scoped variable wheel

ordin
herely

In heady duplay 94100 and MC2100

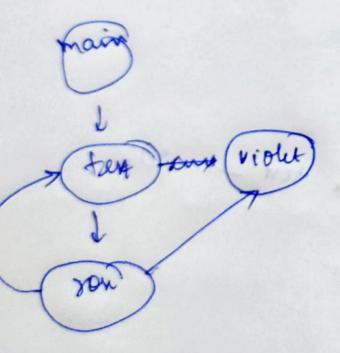
	1	19
Scope	9	h
main	9400)	nuies
lauri	9410>	W210>
hardy	9410	nezio
	Static coe	ordinatu

```
1 begin
    procedure tero (n: enlogu, p. procedure);
     begin
        procedure you;
        begin
         Print (" in procedur som -- n"),
         puris (n);
       and;
        Print ("in procedure text _n=");
        peint (n) i
       ig DLIO then
          legin
            if n=3 then
                          warns may
              · Un Cn+1, non
                tent (nt., son )
                 um text (n+1P)
             end
          end',
          plocedim violet;
           begin plint ("in procedur violet");
```

and?

Plint havolus,

end



cau graper

