Note Title

Review: Recussión

identily self-similarity

evenue bushes

G. 2· power (int x, int n) (5:10) &

3 else if (n /· 2 == 0) 5

くらない > dus (> ower(x xx, 0/2); x x power (x, r-1);

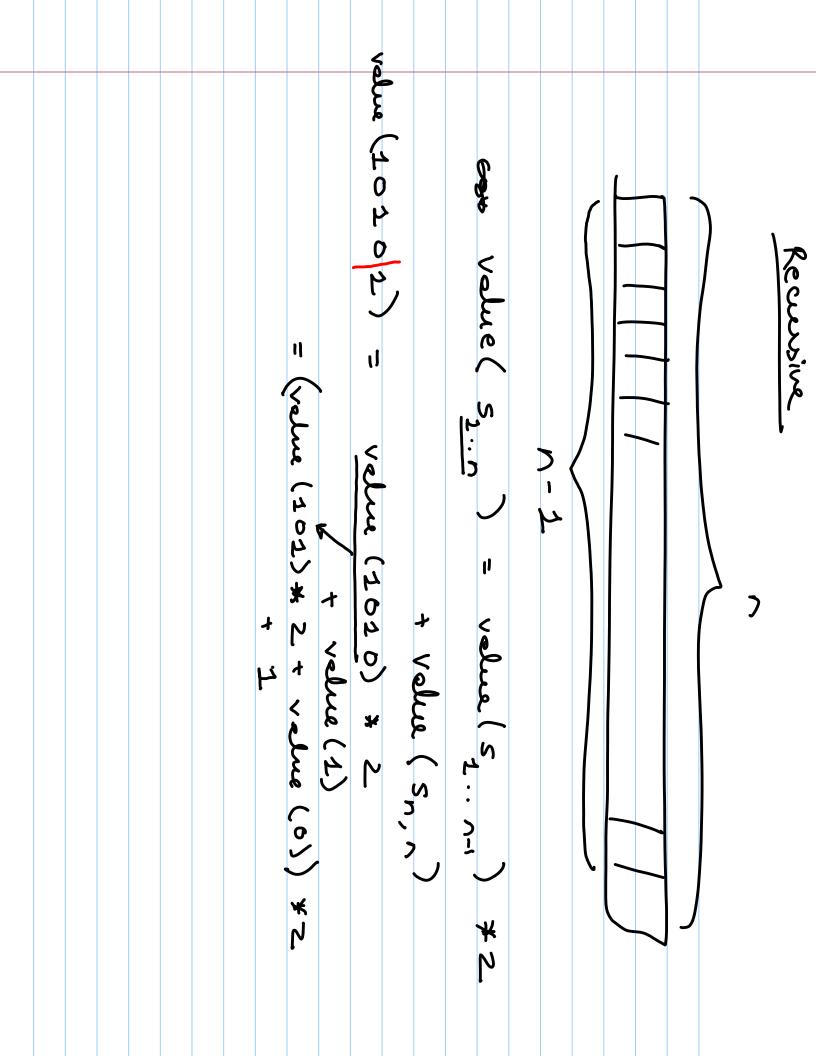
ىپ

```
25242322212
                                                                                                                                                     Convert From Bringury (Shring &)

int hotal = 0: (int place-value = 1;

for (int i = s. leyth() - 2; i >= 0; i -- >

}
setus total:
                                                                                                     ( Ch == 'O') {
                                                 place_velue = place_velue * 2,
                                                                                  total = total + ploce - value;
                                                                                                                                         ch = x. at(i);
                                                                                                                                                                                                                                               , 707070,
                                                                                                                                                                                                                                              , output = 42
```



convert From Binary ( string int n = binary length(); clar { // recursing cons (n==1) { // box cen return convention sincy (biney, substito, n-1)) 11 ionsume binary. leyth17> 2 if (binery. et (0) == '0') { convert from Binary (binary.substr(n-1,1)) binary) \* 7

Given . Jile, print its lines Lower

ラ· ナ×ナ・

Hello world Hello for bar bar baz hello

expected subput:

baz hello

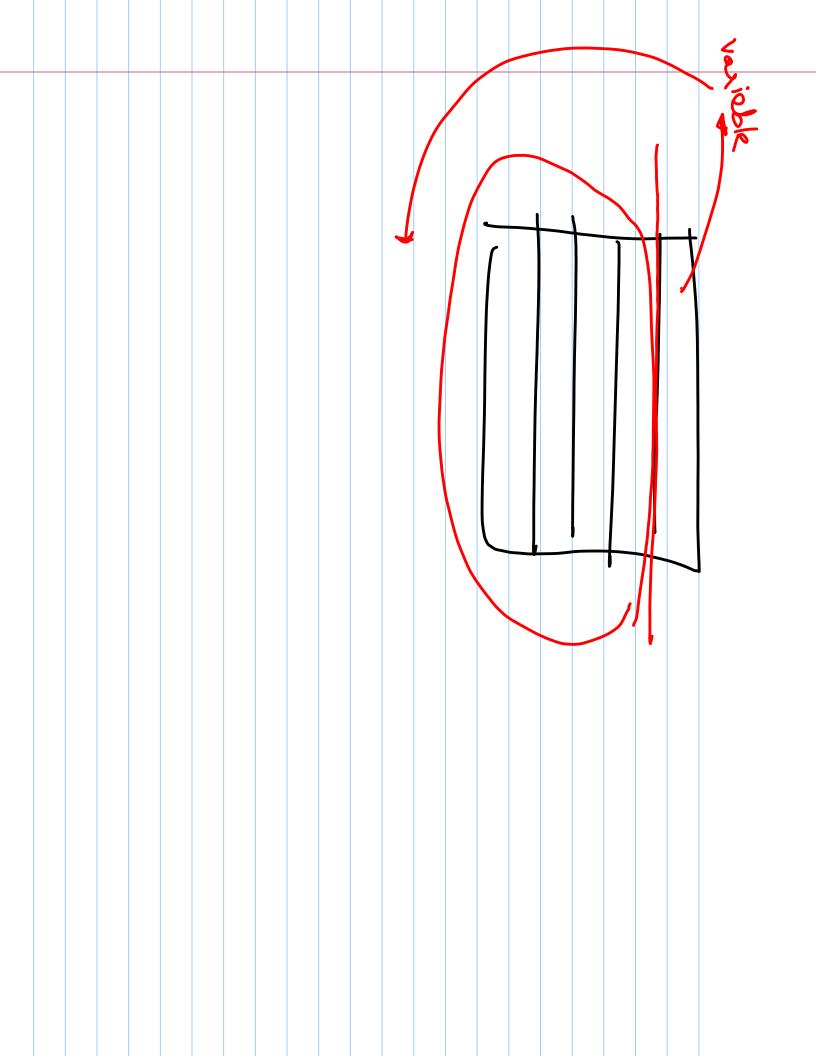
bay

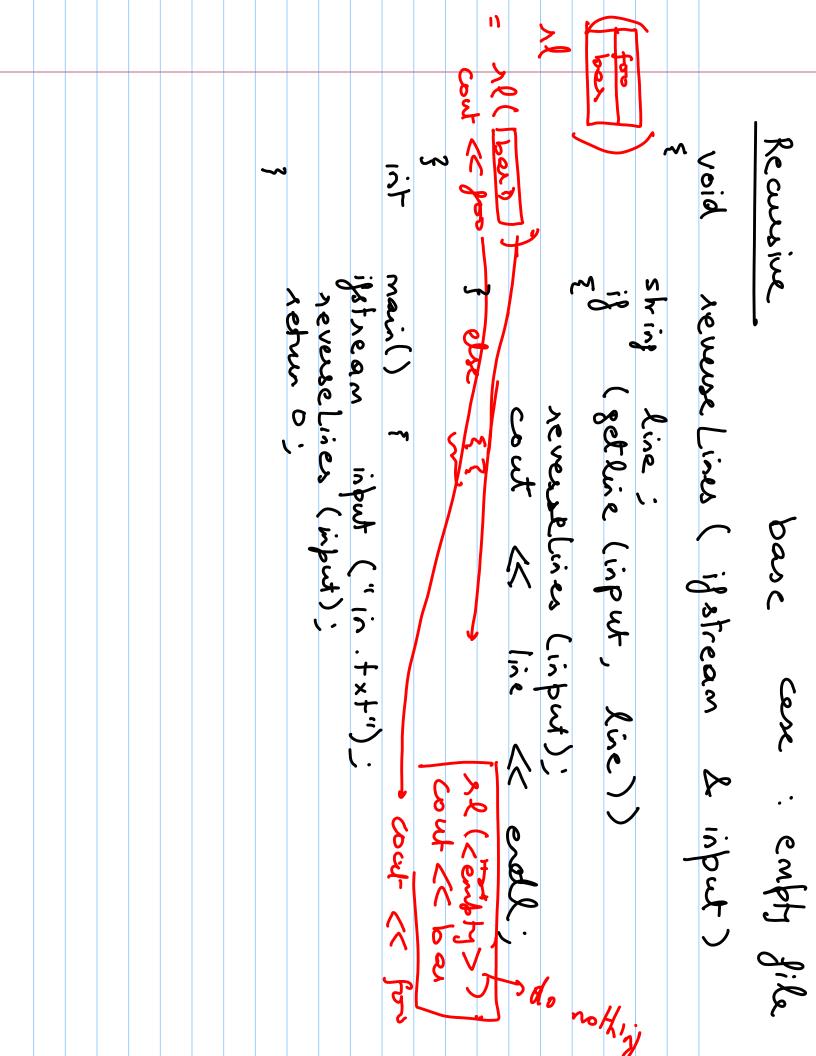
Hello

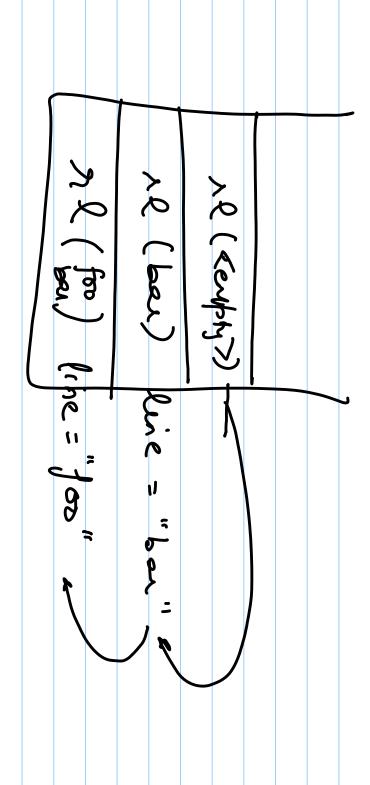
Jos

Hello

Josephild







directory "name"		
files in the give		
1		
Vechi / chisi >		
rehurs a	list Directory ("(ane")	
		(
stel()		
0 19.75		
dinchia separation a		
frux 1	1 isDirectory ("name")	••
"filelib. L"	Helper Junchin	

list Directory ("courses/col200"): is Directory ("courses") is Directory (" Courses / co1200"): list Directory ("courses"): " (ab2" "lass" min on 1. poly " The Man X (2) "eel 100"] "col100"

Self-similardy?

prishing & information about at indentation level L involves printig informetier about

directives

normal file ζ. directory)

Ban con:

```
craul ("comm/cg/160/1662", Vector < string > filelist;
                                                 crant (" couse / cot 200 // es 2/
                                                                                                  crawll("course/col 200/leb2/ for (string subfile: fileList)
hells-wolld.gp", {
                                                                                                                                                                                                                                            cravel" court << indext << getTail (filename)<< endl;
                                                                                                                                                                                    craul("comen/col200° [] (isDirectory (filename))
crawl ( "5 conses / eol 300/ lab3") " 8 s pocas" ):
                                                                                                                                                                                                                                                                                                                         V 5.
                                                                                    "12 spous");
                                                                                                                                               "Lucusou"). listDirectory (filename, filelist);
                             "12 spaces") }
                                                                                                                                                                                                                                                                                                                  crawl (string filename,
                                                                         crawl (filename + "/"+ subfile,
                                                 ( 'dead + " - - - )
                                                                                                                                                                                                                                                                                                                     string indent)
                                                                                                                                                                                                                                                                                          Col wade
```

get Tail (" courses ) colsoo/mineral.pdf"): "miner1.pd

الم الم mai() Crawl (" courses" sohwa (); Caper gently alread

