Pregative expuer
I (Accus LAMBDA
1 Coloud Sunda
a) lb 25 tulousin op. libou
( y x). yx, nose wic E x residence alo(s
Samponarse con A con Charte of service of con A con C
b) B-verger or it is in it is in the second of the second
the species of a commercial by a solip ep
( 1/2. (x y) y) => 1/2. (x +) y) => 12. (x +) (y 2)
2. $(\lambda x. (\lambda x. x) a) \rightarrow (\lambda x. x a) \rightarrow x \rightarrow a$ (b) de be de be d. $\int x (a/a) - a$
do bost bon: (/x, (/x, x /x) a) -> (/x, x /x) a) -> a.
liber autoc op lid pt primo chests & Hb
de lost bodn: (\(\frac{1}{2}\times, (\frac{1}{2}\times, \times) a) -> a.  liber culoc op lib ph primo custred the  Culoc cu a  3. ((\frac{1}{2}\times, \frac{1}{2}\times, \times) \frac{1}{2}\times, \times) \frac{1}{2}\times, \times \frac{1}{2}\times \frac{1}{2}\tin
of come as powert int, 50 out of lib o his y -> me so madif purky resource so offer
->((x, y, x, y) 2) -\(\frac{1}{2}\frac{1}{
Um arr ab XIP
4. (\forall h. (\forall x. \forall x. \foral
5. (((\lambde x.\lambda y.\lambda y) (\lambda 2.\lambda y) (\lambda y) (\lambd
doi6 of fore β nd: (λ2.(λ2 λ+ + 2) -Ω) = ((λη. λω.y (λ2 λ+ 2 + 1) Ω)
->B (ym. (yr. yt. 5 5) ~) (yr. yt. 2 2) -> (yr. yt. 2 2) -> (yr. yt. 2 2) -> (yr. yt. 2 2)

6. 0:= 1/2, 1x.x succ:= >n, >f. /x (f((n f)x)) (succ 5)! ((x(+ x,xx,+x)) +)xx, tx ((x(+n)) f) xx, tx. (x (+n)) f) xx, tx. (x (x)) -> λf. λx (\$ (½, x, x)) -> λf. λx (f x) m ion un (x f) xh. fx <-7. fue= 1x y.x (2(d(0 gas.51,21,20))= Codo gas.8 + xx folse - > y . y co for op, letrul & felse o.i. of en and la lon ... Ax y. (xy tree? fue = Xx. Xz. X flo = >x, yy, y. ep = xx. xy (x y xx. xy. x) Not-2 you , not the binoni ori eglic pe took and nos, ori pe cu morgan. (so tre a) = ) (Jx. yd. (ydra) tre a) => (tre a tre) => einsti oper. hux is poom potone a bomi has an dat low's an Yatre a bent as a ? nu motions in der. set fre k (og folse y) -> (xx, x y (x y true) folk y) -> (tolk y true )-> -> (1.x. 1.y. y y here) -> free \$095,=7. ~76 = 9 = 16 ∩ 5 11 = 10 × y = 27 (=7=) true Vy=true

```
\purple \purpl
```

Coti ...? Coti beta ma ? -> as und a over x =) return eine chetta

recented livelying sks your steet as its war oio fuge will es

corp: xx.(y y)

lugas tog luming dans so

p: land was 9

1 huning a bunch uneag

from oched: x splitte ex (x x) x sp tolle x: be se of -

to make y sq ges wiming of its & lager warel; ges wining of its

L) ner 60 ign pring by 60 ct. cong bin 60 (x x) right on 20 fer on Jiporo in form for in france x 2000 for in for x 2000 x 2000 for in form for x 2000 x 2000 for in form for x 2000 for x 2000 for in form for x 2000 for x 2000

moi fr a elle com, under l'aden, pex: 1x.ly W-2/2 lyy

=>>=> (4 A) [(x x) (A)

28 y 7 more cu (x x) ≥> >> ((x x) (x x) -> regulat 1st frod.

our room & wager; - NO' => our terring ?

2013-3

 $E = (\alpha (\lambda x. \lambda x. x (\lambda y. y y)))$ 

am 3 B-vadersi. Incep ou cel moi din dregto =>

fet identit obt pe (j =) (y (\(\frac{1}{2}\times.\frac

φ ( a d con =) (y (λ2.λx.x y)) => (y λx.x) na sprincici. Cord. In our sprincici. Cord. ()

λχ. Χy((<u>λ</u>χ.λy.<u>Θ</u>(ų ω))(χ η)) <del>- )</del>λχ.λy.((λχ.λε. χ (y χ)) (χ η)) <del>β</del>

deci = -> c lesce 2; U condus of; lescel of is seed to composition of source of less and

not staded

doto ou lyst.

)

```
Reduceti expusia 1: 2021-10
     (\lambda'_{\mathsf{x}},(\lambda_{\mathsf{x}},(\kappa_{\mathsf{x}})))=(\lambda_{\mathsf{x}},\lambda_{\mathsf{x}})=(\lambda_{\mathsf{x}},\lambda_{\mathsf{x}})
         Scort 2 Bredech => Il seron pe al din interior:
                                                 (\chi^{\kappa}(x \times y) = (x \times y) = (\chi^{\kappa}(x) = (\chi^{\kappa}(x) \times y) = 
                                                                  paramoct = xxx = function is another
                                                                                                                                                                                                                                                                                                                                         = yx.x
                                                                        (xh luwing of el x loung warea
                                                                           coop (x x)
           te 26 p regenemesc: (y 2. x.x (+ 5))=(5 5) ?? 22
                                                                                                   5= to o warea
                                                                                                  ( 5 3), with ward
                                                                                                  cop xxx orsidentity
                                                                                                  20lg A
E = (\lambda_{x}, (x (\lambda_{y}, z \times \lambda)) \lambda_{xx}) = (\lambda_{x}, (x z) \lambda_{x,x}) \bigcirc
         : Me vile ian le ce magaris. igsetes & sures
          corp : 2
                                                                                                                                                     (=) \alpha = (\lambda_{X}(x + 2) \lambda_{Y}(x) (=)
                x: boung
                                                                                                                                                                                          corp. (x 2)
                  1: Samof warch
                                                                                                                                                                                              foron actual: Xx. X
                                                                                                                                                                                               Y: bensel wecg
                                                                                                                                                  (=) (x 2) [M.4/x7 = (\lambda 4.4 2) 2) 2
```