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I gracio Debastian M oline
                                                        hoja 2/2
Gleden
 Ejercicio 3 (Aportado 1 según hojo de examen)
 a) join empty b = b
   Join (insert x a) b = insert x (join ab)
  delete x empty = empty
  delete x (insertan y a) = if (x==y) then a else insertar y (deletexa)
 b) data Bot a = E (N (BSTG) a (BSTa)
 min V: BSTa - a
 min V (NEdr) = d
 minV [NIdr] = minV ]
 delete: Ord a > a -> Esta -> Esta
 delete _ E = E
 delete V t@(NIdr) (V2d = N(delete VI) d n
                     1 v > d = N 1 d (delete v r)
                     Iv==d = case t of
                               (NEdE) -> E
                                (NEdr) \rightarrow r
                               (N 1 d €) → 1
                               (NIdr) -> let y= minV +
                                           in Nily (deloteyr)
 SPlit : ord a => a -> Bsta -> (Bsta, Maybea, Bsta)
 SPlit V E = ( E Nothing E)
 Split V N(1 dr) | v== d = (1, Just d, r)
               1 v>d = let (1', v', r') = split v r in (N ld1', v', r')
               1 v 2d = let (1, v, r) = split v1 in (1 v , Nr'dr)
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