Insertion in Red-Black tree (Writer) Node insert (int w.), Nade roat) 1BM 18 (So13 & Node new Node; · if ( root = = null) E calor = 1; // block
return new Noode; 2. Node e: root; while ( = null) & . el (12. val < 4) @ noot = insert (b, root right) roat = insert (v, roat left) I. farent = newlade. farent if ( 2. val . > w) r. right = new Noole; else r. left = new Nade; ralez =0 // rad.

Amber Mishin 1BM 48 (5013 fix After Insulan ( root & new Nacle) fix After Insertion (Nede root, Neach new Nade) Nade gh = null / grand-favent of new Noorle

Anter Misha 1BM18 (So 13 new blade grand Part = gt;

uf ( f-left = new blade) & new Nords - farent - L right Rotate (new Nade); 1. calor = 1; gh. color=0 De left hatale (gh) rest · color = 1;