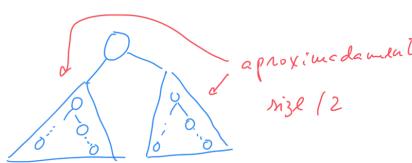
BST pode ou não ten algoritais de 1. Salance-mento

la Pare Ten desempenho O(logzh), l'ucessário que a énvore BST se encontre Galanceada

uetede do ospaço de perquisa



Personer AUL

- a'nvoner AUL

- a'nvoner AUL

- a ped-black treen { save/kotlin:

- treeset ( set)

- Tree Map ( laspa)

Personisan, remosar e insusar basedon em

a'nvoner

em 5 (loss n)

```
fun < E> insent ( noot : Node < E> , l : E ,
                        cup: Comparetor < E>): Node < E>
        val newsode = Node <E>()
        neurode. item = e
        if ( root == well)
            return henvode
        van previous: Hode < E>? = well
        var current: " = root
        while (current != well) }
             val c = cmp. compane (2, cument-item)
                                        20, 10, 5
             previous = current
                                                    of current
            if (cco)
                current = current. left
                                              cument
                                                     20
            else
                cunneat = cunneat, right
                                           manget 10
    - // current == uull
 if (cmp. compare (2, previous. item) left & previous. left = new pode
                                              Dunent = well
                                    her wode
els previous right = newwode
return noot
```