To insert a new mode_

- Derforming BST insertion but coloring the newly inscribed.
- D' If x is root, change whom of 2 ar black.
- Do following if color & griparent is not black ornis not

Dif it's mule is RED (Grand parent must have been.

Change color of parent and in the as Brack.

Color of grand parent as RED.

Change 2 = 2's grand parent, repeating steps (326)

for new x.

- 2) It x's uncle le black, then there com be four. configurations for x, x's parent (p) and x's grandparent
 - 1. Determine configuration.

 Determine configuration.

 Determine configuration.

 Determine configuration.
 - 2) Left Right case (pic left child of g and x & right child of p).
 3) Right Right case (Mirror of case e)

 - 4) light deft coise (Mirror Jase c).

2. drange x = x's parent, repeat stepe 223 for new 2

Rhy !!