- @ Insertion in Red-black Tree
 - 1) Perform a normal, insertion into the tree and consider the newly houted node's colony as ned.
- 2) if newwoode == root then new-roode-colour = black black-height ++
 - if newhode. uncle_colour == red = red ?

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 while (newhode. uncle-colour = black;

 newhode. uncle-colour = black;

 newhode. parent-colour = black;

 newhode. grandparent = red;

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 newhode = newhode = grandparent

 3. see:

if (newnode.onde_colous := black):

- (i.) //LL votation gright-trotate (newnode a grandpalent) Swap (newnode grandpalent_colous, newnode.palent_colous)
 - left-notation

 LL-notation.
 - (iii) // RR votation

 left- notate (newnode a grand parent)

 Swap (newnode grand parent colour,

 new node . parent colour)
 - (iv) 1/R2 quotation gright_notate (newworks. parent) RR_subation