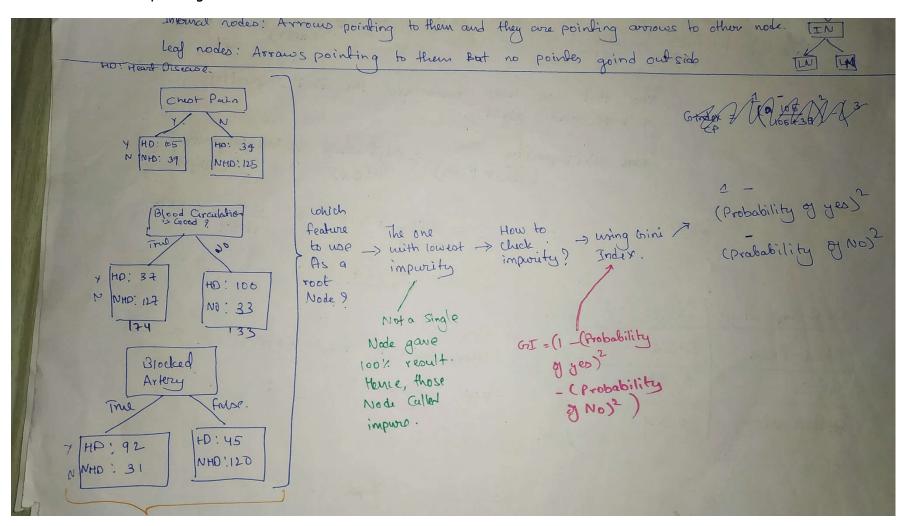
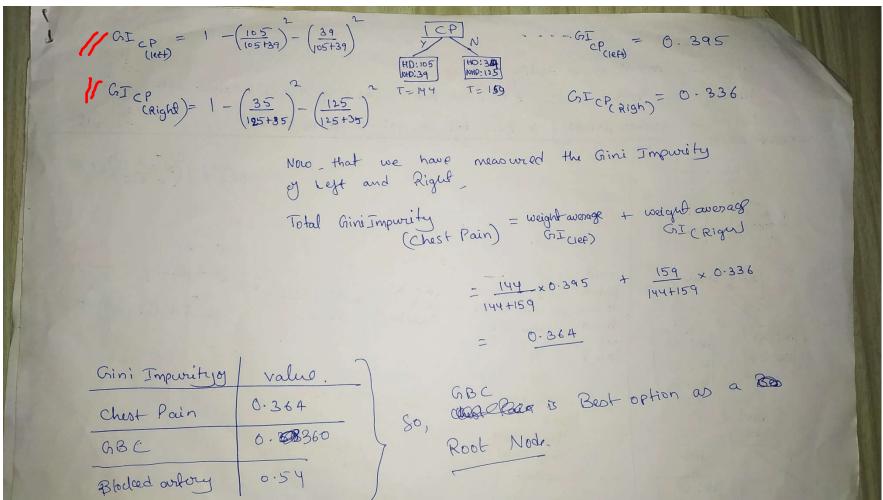
Decision Tree:

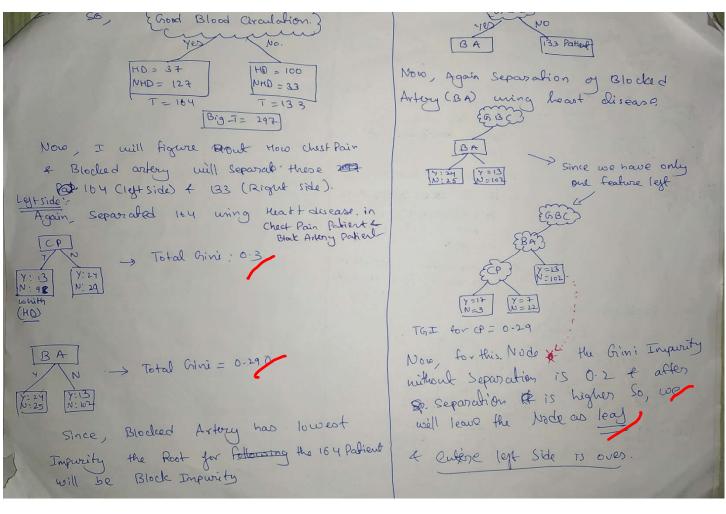
Root Nodes: no arrows pointing outwards

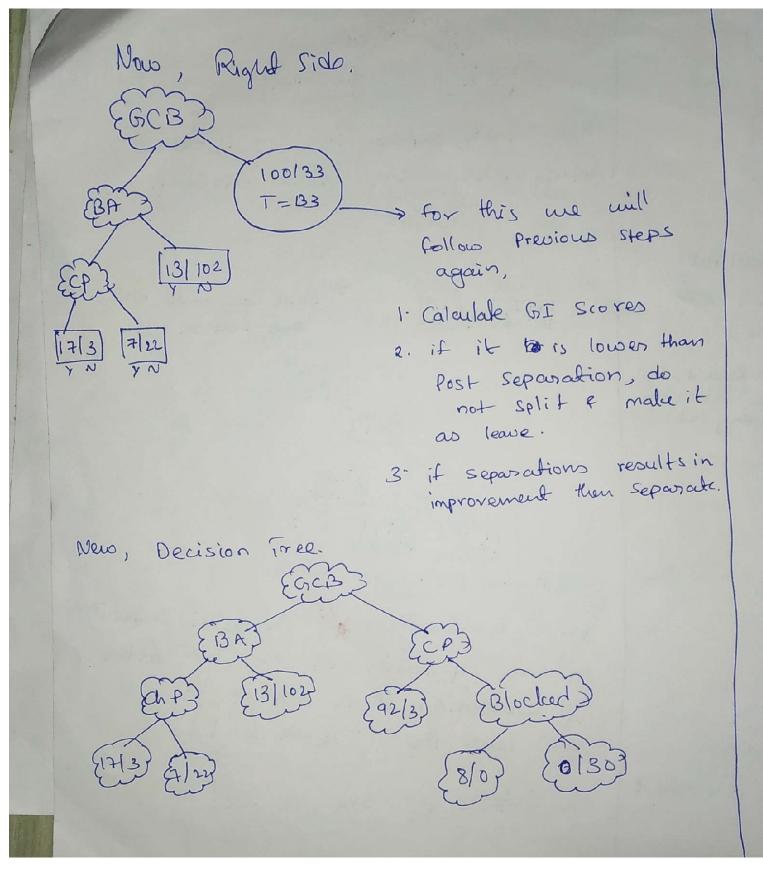
Internal Nodes: arrows pointing inwards and outwards

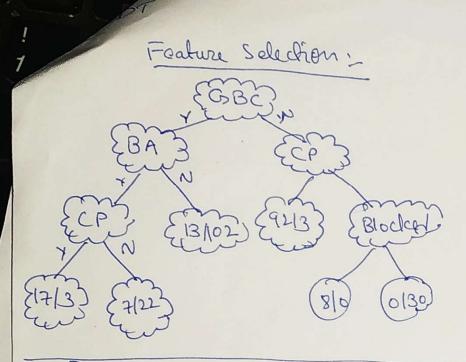
Leaf Nodes: Arrows pointing outwards





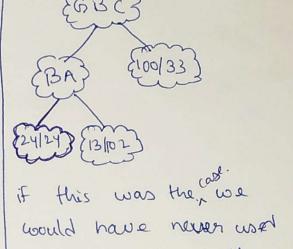






exillif Patient has GiBC, we checked Blocked ordery? if yes then chest pain? if yes the high Probability that the tas Heart disears.

(ex) if somere has GBC But Not Blocked ordery their we did not asked him for chest Pain and Considered it has leaf because. Post-separation impurity was high Comored to Pre-Separation Impurity,



Chest Pain to Further Separate the Patients.

(*) Decision Tree and have the downride of often being over fit. It Requires large reduction in impurity to avoid the tree being over lib.