```
Build Tree (examples, depth) who is examples?

/ Test to sell if there is a leaf and we need to between

2f we don't have examples

return node (1, M, NA)

2f we have,

return node ( , NA, NA)

Majority, NA, NA)

This is the case we have leaf.
     > 2f we don't have leaf;
                for (each attribute) // fo, 1, -- num Arr -1
                           For (each threshold value) // {1,2 \ 94

Current IG = Zfor Grain (examples, Current attri, current threshold.
                                            2f this is the best I.G. ( biggest)
update best attribute
update best theshold
                  // split existing examples into 2 attr. Volue Left example = instances where \le Theshold value
                       Right example = instances where attr. Value > Threshold value
                            Check majority Label
                        Node. left = build tree ( Left example, depth + 1)
                        node right = build thee ( Pight example, depth + 1)
```

Casify ( cur Node)