```
int fn ( vector < vector < int >> & gorph) {
     quarecint> 9;
      unordered_set<int> visited;
      11 for stating from

q.push(START_NODE); || Phease not you can all
                                   11 dagle also here
         visited. Insert (START_NODE);
        int ans =0; If your tack here to just Collect au la
                       Mode value
         while (q. empty () == false) of
             int node = q. front (); q. pop ();
               and += node;
              for (int neighbor: graph(node)) {
Heraló
to all child
              if ( visited.find (neighbour) == visited.end()){
                 visited insert (reighbor);
adjacency
                  q. push (neighbor);
  USF
```

Binary Toee: DES recursive) (Recursive ade) Code Templato Il code logic to sum cip all node value. int dfs (Tree Node * root) } if (not == nullptr) return 0; return (root) value + ofs (root-lot) + dfs (root->ngha); Binary: DFS (iterative) im dfs (Tree Node Troot) } Stack < Tree Node *> 5; Sipush (roof);] start from Int ans=0; while (!s.empty()) of Sur step of all values. TraceNode + mode = s-top(); s.pop(); and += node -> value; TF (node -> left) S. push (node -> left); if (node a right) s. push (node a right); return ans: # seturn

```
Transerse the Binary Tree with
8um of hode values and roturn
Problems Statement:
 BFS and Collect the
  it.
int bfs (Tree Hode * root) &
   deque < Tree Node * > q;
    q.push_back (root); } start hod
    int ons = 0;
    while (! quempty()) { = iterate until
                                     a is not empty
     inf esize = q.slce();
      Il do logic for current level
     Il if you need something to proass levelly level
     for (intizo; i < 95/20); LAA) { Lower love
        Treenode + node = q.frost();
q.pop-front();
           ans += hode - value;
deta processor if (node > left) q. push-back (node > left)
       1 if node - right) 2. push_back (node-right)
                    L- Sum of all node
Value ackum ulated
                              in ans vaniable.
```

(Iterative)

Binary Tree - BPS