#include<bits/stdc++.h>

using namespace std ;

int root(int ara[] , int i){

while(ara[i] != i){

i = ara[i] ;

}

return i ;

}

int Union(int ara[] , int A, int B ){

int root\_A = root(ara,A) ;

int root\_b = root(ara,B) ;

ara[root\_A] == root\_B ;

}

bool Find(int A ,int B){

if(root(A) == root(B) ) return true ;

return false ;

}

int main(){

}