

Contribution of Al Amin Al Bakre Rohan:

At first I read the problem then I understand.
After that I write the pseudoCode. Then I explain
the pseudoCode to my team members.

Time I took: About 1 hour.

Here is my pseudoCode:-

```
int N, M;  
for (int i=0; i<M; i++) {  
    for (int j=0; j<2; j++) {  
        arr[i][j] = input.nextInt();  
    }  
    for (int k=0; k<i; k++) {  
        if ((arr[i][0] == arr[k][1] && arr[i][1] == arr[k][0]) ||  
            (arr[i][0] == arr[k][0] && arr[i][1] == arr[k][1])) {  
            old = true;  
            break;  
        }  
    }  
    if (old) System.out.println("old");  
    else System.out.println("new");  
}
```