

## Contribution of Sabbir Ahmed:-

At first I read the code, understand and try to write the algorithm. My other two members were responsible for writing code and pseudocode. It was a great team work.

Time I took:- about 1.5 hours

### Algorithm:-

Step 1:- Input N and M

Step 2:- take a boolean variable 'old' with false value.

Step 3:- declare an array with M rows and 2 columns.

Step-4:- loop from 0 to ~~(M-1)~~ (M-1)

Step-5:- loop from 0 to 1  
take input of one row

Step-6:- loop from 0 to (i-1)  
check the table before?

Step-7:- If yes old = true  
break;

Step-8:- Check (old)

Step-9:- If yes, print "Old"

Step-10:- If no, print "new"

Step-11:- End.