Covid

Input file: standard input
Output file: standard output

Time limit: 2 seconds Memory limit: 256 megabytes

Since the emergence of Omicron, which is one of the Covid-19 variant, it has spread towards many countries in a short amount of time and our Ministry of Health (MOH) are concerned about its extremely high transmission rate.

Therefore, they ask your help as a developer that are working in health industry to write a program that act as a scanner to scan and cluster the people infected by Covid-19 virus or Omicron among a group of nn people which also include healthy people.

If the size of the largest Covid-19 cluster is greater than Omicron cluster, your program should alert MOH to focus on Covid-19 cluster. If the size of the largest Omicron cluster is greater than or equal to Covid-19 cluster, your program should alert MOH to focus on Omicron cluster as they can spread easily compared to Covid-19. Your program should only cluster the people infected by Covid-19 or Omicron horizontally or vertically (4-connected).

Input

The first line of input contains an integer t ($1 \le t \le 100$) - the number of test cases.

The first line of each test case contains an integer n ($6 \le n \le 100$) - the size of a group of people to be scanned.

In the subsequent line of every test case contain inputs for $n \times n$ integers $a \ (0 \le a_{ij} \le 2)$.

 $a_{ij} = 0$ represents healthy people.

 $a_{ij} = 1$ represents people infected by Covid-19.

 $a_{ij} = 2$ represents people infected by Omicron.

Output

For every test case, output "MOH should focus on Covid-19" if the size of largest Covid-19 cluster is greater than the largest Omicron cluster. Output "MOH should focus on Omicron" if the size of largest Omicron cluster is greater than or equal to the largest Covid-19 cluster.

Example

standard input	standard output					
2	MOH should focus on Covid-19					
6	MOH should focus on Omicron					
0 0 2 2 0 0						
1 0 2 2 1 1						
1 2 1 1 0 2						
1 0 1 1 2 2						
1 0 1 2 0 1						
2 0 2 0 0 0						
7						
0 0 0 0 1 0 0						
0 2 2 2 1 1 2						
0 0 0 1 1 2 0						
1 0 0 2 2 2 1						
2 2 0 0 1 2 0						
0 1 0 0 1 2 1						
1 1 0 0 1 2 0						

Note

In the fir	est test case,	the largest	Covid-19 clu	ster has a	size of 5	while the	largest	${\bf Omicron}$	${\rm cluster}$	has a
size of 4,	thus we sho	ould print "M	OH should :	focus on	Covid-19)".				

In the second test case, the largest Omicron cluster has a size of 7 while the largest Covid-19 cluster has a size of 5, thus we should print "MOH should focus on Omicron".