Khoj The Search

Have you heard the name of Ananta Jalil? Yes you have. He is a familiar figure of our film industry. He is very famous for his action romantic typo movies. His recent release film is **Khoj the Search**.   Ananta Jalil is in a terrible mission on this movie to find some integer. Ananta Jalil Have N integer number may some number are repeated. He have Q Mission is finding integer number and its frequency. But he can't do the boring job. Now Need your help. Plz Help Jolil.

Input:

Input start with an integer $T(T \leq 10)$.

Each test case contain a integer N Q $(1 \leq N, Q \leq 10000)$

Next line contains N space-separated integer numbers $(0 \leq ai \leq 10000)$

Next linet contains Q space-separated integer number. $(0 \leq qi \leq 10000)$

Output

For each test case, print in a single line Q integers, where the ith integer represents the answer to the ith query. (Note If a number not Found In array just print No and other otherwise print the frequency number i^{th} integer)

Sample:

Input	Output
2 10 5 1 2 3 1 3 1 2 4 3 1 1 2 3 4 5 10 5 3 2 2 2 2 3 4 4 5 2 1 2 3 4 5	Case 1: 4 2 3 1 No Case 2: No 5 2 2 1