Question:

Sample Dataset:

CategoryId	ParentCategoryId	Name	Keywords
100	-1	Business	Money
200	-1	Tutoring	Teaching
101	100	Accounting	Taxes
102	100	Taxation	
201	200	Computer	
103	101	Corporate Tax	
202	201	Operating System	
109	101	Small business Tax	

Write a working program which should do the following:

a. Given a category id return category name, parentCategoryId and key-word. Ensure that if key-word is not present for the category, then the data from its parent should be returned.

Sample Input/Output:

i. Input: 201; Output: ParentCategoryID=200, Name=Computer, Keywords=Teaching

ii. Input: 202; Output: ParentCategoryID=201, Name=Operating System, Keywords=Teaching

b. Given category level as parameter (say N) return the names of the categories which are of N'th level in the hierarchy (categories with parentId -1 are at 1st level).

Sample Input/Output:

i. Input: 2; Output: 101, 102, 201

ii. Input: 3; Output: 103, 109, 202