**The laboratory work 4**

In this assignment, we will use the simple N-gram model to count a probability of finding a sentence in texts of librarian materials. You will use the following formula to compute this probability.



Probabilities of bigrams should look like this:



You may assume your own probabilities, but there should be the following conditions:

1. If you have a bigram that includes a sign and a word like its probability should be in degree of
2. If you have a bigram that includes two words one of which is not a preposition, an article or a conjunction then its probability should be in degree of or

**Your task is to write bigrams for 6 short sentences or 3 long sentences**