**The laboratory work 6 (States and events)**

1. Write the list of states using different variables. You need to follow the template from the lecture we studied.

The following formulas would capture the necessary semantics.



1. **Frank was eating his lunch at the restaurant near the center.**
2. **Additional memory was allocated for the program**
3. **Every dog likes to lie in a den**
4. Write events for the following sentences in the form of representing the time that we used in the lecture

I arrived in New York.

I am arriving in New York.

I will arrive in New York.



1. **A minister has arrived in our city**
2. **Many warriors will defend the castle**
3. **My sister had finished the work by the time I came home**