## CAP 4621 – Intro to AI Programming Assignment 4 – Part 1 – will be collected in class on 3/23/2020

- 1. Names of people in the group for programming assignment : Tyler Brown, Oleg Tielushko
- 2. [2 points] The title for our expert system is : Zombie\_Apocalypse\_Planner
- 3. [2 points] The goal of the expert system is: To decide which weapon the user should use during a zombie apocalypse
- 4. [4 points] The following CLIPS statements will define **Two classes** for our expert system knowledge base. Write the actual CLIPS statements that will define the classes

CLASS 1 CLASS 2

```
(defclass ZOMBIE
                                                (defclass SURVIVOR
       (is-a USER)
                                                        (is-a USER)
                                                        (role concrete)
        (role concrete)
        (slot z_type)
                                                        (slot sur_type)
        (slot walking)
                                                        (slot strong)
        (slot is_fast)
                                                        (slot stamina)
)
                                                        (slot on_the_move)
                                                        (slot user weapon)
                                                )
```

5. [4 points] The following CLIPS statements will define **Two objects** for our expert system knowledge base. Write the actual CLIPS statements that will define the objects OBJECT 1 OBJECT 2