Lab 4 : Behaviours

Exercise 1 : (Agent migration : mobile agent)

Create an agent under a container (container_2). Migrate it through JADE GUI (Interface) to MainContainer by displaying a message before, during and after moving.

Exercise 2 : (Primitive behaviour)

Create an agent running several simple behaviours. Test these behaviours each alone: Behavior, OneshotBehaviour, CyclicBehaviour, WakerBehaviour and TickerBehaviour. Each behaviour displays a simple message.

Exercise 3 : (Composite behaviour)
Create and launch 2 agents that owns behaviors executing in parallel. These behaviors can be activated 3 times and display greetings (Hello) in several languages.

Example of requested result :

```
I, Agent a1, my address is ( agent-identifier :name a1@192.168.1.4:1099/JADE :addresses
(sequence http://Admin:7778/acc ))
I, Agent a2, my address is ( agent-identifier :name a2@192.168.1.4:1099/JADE :addresses
(sequence http://Admin:7778/acc ))
I execute several behaviors in parallel
I execute several behaviors in parallel
a 3/1 ) عليكم السلام -> 2 )
a 3/1 ) عليكم السلام -> 1 )
a1 -> bonjour (1/3)
a1 -> hallo (1/3)
a1 -> buongiorno (1/3)
a1 -> buenos dias (1/3)
a1 -> Olá (1/3)
a2 -> bonjour (1/3)
a2 -> hallo (1/3)
a1 -> saluton (1/3)
a 3/2 ) عليكم السلام -> 1 )
a1 -> bonjour (2/3)
a1 -> hallo (2/3)
a2 -> buongiorno (1/3)
a2 -> buenos dias (1/3)
a1 -> buongiorno (2/3)
a1 -> buenos dias (2/3)
a2 -> Olá (1/3)
a1 -> Olá (2/3)
a2 -> saluton (1/3)
a 3/2 ) عليكم السلام -> 2 )
a1 -> saluton (2/3)
```