# Traffic light

## Topics: events, delegates

There are 2 objects:

1. A traffic light. It has the following characteristics:
   1. There is an enum with 2 possible values of it (Red light – denied, Green light – allowed)
   2. There is a method to change the light
   3. Every time the light color is changed, an event with appropriate parameters is raised
2. A human. He may have a name or a number (as you wish). He can walk and wait. He checks whether the traffic light is changed and makes appropriate decisions.

Implement a logic of crossing the road for 4-5 humans and one traffic light. Sequence of passing people is not important, though there should be a queue.