```
Start with reading light
If light
       Orange function
       If light
               Red function
       If no light
               Break
If no light
        Receive function
        Compare function
        If found right
               Green function
               If light
                       break
               If no light
                       break
       If found wrong
               Blue light
               If light
                       break
               If no light
                       Red function
        If not found
               Orange function
               red function
```