

```
1  /*
2  -----
3  Laboratory   : labo_11
4  File        : utilities.h
5  Author(s)    : Yannick Schaufelberger et David Gallay
6  Date        : 18.01.2020
7
8  Goal        : Library for various utilities
9  Remark(s)   :
10
11              There is the github repository:
12              https://github.com/dgheig/lab011
13
14  Compiler    : MinGW-g++ 6.3.0 and g++ 7.4.0
15  -----*/
16
17 #ifndef UTILITES_h
18 #define UTILITES_h
19
20 /**
21  * @param max
22  * @param min
23  * @return a random int between min and max, both included
24  */
25 int getRandomInRange(int max, int min = 0);
26
27 const char RESTART_CHAR = 'Y';
28 const char STOP_CHAR   = 'N';
29
30 /**
31  * @brief This function keeps asking as long as the user enters anything else than RESTART_CHAR
32  * or STOP_CHAR
33  * @return true if the user has entered RESTART_CHAR and false if the user has entered STOP_CHAR
34  */
35 bool askForRestart();
36
37 /**
38  * @brief This function keeps asking as long as the user enters a negative number or a char
39  * @return the number entered by the user
40  */
41 int askForNumberOfSimulation();
42
43 #endif // UTILITES_h
```