**Assignment 10/07**

Please design a game to guess what number the computer is thinking right now.

**Requirements:**

1. At first, the program needs to think of a number between 0 to 1000. You can use **random** function to generate it which mentioned in lecture 2.
2. Then, you will be asked to guess what that is (**input**).
3. The program will response you by telling you your number is too large or too small or correct!
4. Keep doing step 3 and 4 by using a **while loop** until you got a correct answer.
5. Try to use another **while loop** to play again!
6. **Please submit another file to describe your pseudocode before you start coding. Any format is acceptable (5 points).**

**Extra credits (5 points):**

Try to design the game in the opposite way! You will be thinking a number and let the program guess, and you can only tell it the number is too large or small. Don’t change your mind while playing!