Writing a logical report for Guessing the number game

My game is number guessing game in Python.

Step- 1

The guessed numbers are randomly changing after each match. Thus, I imported random “random import” in the first place and declared my variable number as “random.randint(1, 101)” to make sure the random numbers the player has to choose are between 1 and 101. The variable the player has to input their guess is “guess”.

Step-2

I made sure that the inputs entered by the player must be only the numerical number as “if not guess.isdigit():” and “continue”. After that, each input number is determined correct or wrong with hints which is then determined as won or lost until10 attempts. For that, I used while loop and made my variable attempts fall under 10 such as “attempts < 10”.

Step-3

Then the players can type whatever numbers they want but it has to be with hint. So, I marked their guess number as variable “guess” and used “if, elif, and else” to notify the player whether their input choices are lower or higher than “number” which is a random number they have to find.

Step-4

I used “else” for the condition that the player’s guess is correct, and used “break” to stop asking for any guess input, and these are under 10 attempts. Besides, I also used another “else” for conditions if the player’s attempts were beyond 10 times which I stated as “attempts < 10”, to stop working of the entire while loop. Then the player is determined won or lost.

Step-5

In this step, I give the player the “option” to restart the game or quit as he/she wants. And if the player has input “no” in the option tab, the program will stop with the code “break” at glance with some thanking notes. And if the option tab is inputted by anything except for “no”, the game will start again. For that, I used (!= “no”). Then the game will restart again.