Guess a number from 1 to 100

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Welcome to the Guess the Number Game
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I'm thinking of a number from 1 to 100.
Try to guess it.

Enter number: 50
You got it in 1 tries.
Great work! You are a mathematical wizard.

Try again? (y/n): y

I'm thinking of a number from 1 to 100.
Try to guess it.

Enter number: 50
Way too high! Guess again.

Enter number: 30
Too high! Guess again.

Enter number: 15
Too low! Guess again.

Enter number: 23
Too high! Guess again.

Enter number: 19
Too low! Guess again.

Enter number: 21
Too high! Guess again.

Enter number: 20
You got it in 7 tries.
Not too bad! You've got some potential.

Try again? (y/n):
Error! This entry is required. Try again.
Try again? (y/n): x
Error! Entry must be 'y' or 'n'. Try again.
Try again? (y/n): n

Bye - Come back soon!

Press any key to continue . . .
```

Operation

- The program prompts the user to enter their “handle”.
- Use the random method of the python random class to generate a random number between 1 - 100.
- The application prompts the user to enter an int value from 1 to 100 until the user guesses the random number that the application has generated (validate and re-enter until they get it correct).
- The application displays messages that indicate whether the user’s guess is too high or too low.
- When the user guesses the number, the application displays the number of guesses along with a rating.
- The program only runs 1 game at a time, not a chance to run the game again (ignore image above that gives this option).

Specifications

- If the user's guess is more than 10 higher than the random number, the application should say, "Way too high!"
- If the user's guess is higher than the random number, the application should say, "Too high!"
- If the user's guess is lower than the random number, the application should say, "Too low!"
- The message that's displayed when the user gets the number should vary depending on the number of guesses. For example:

```
Number of guesses      Message
=================      =======
<=3                    Great work! You are a mathematical wizard.
>3 and <=7             Not too bad! You've got some potential.
>7                     What took you so long? Maybe you should take
                       some lessons
```