This Python script is a simple random number generator that produces a number between 1 and 10 each time the user presses enter.

Let's break down the code:

1. `import random`: The random module is imported. This module contains various functions for generating random numbers.

2. The next two lines print out a welcome message and instructions for the user:

- `print("Welcome to the Random Number Generator!")`: This line prints a welcome message to the user.

- `print("Press enter to generate a random number between 1 and 10.")`: This line provides instructions to the user on how to generate a random number.

3. `input("Press Enter to generate a random number...")`: This line waits for the user to press enter. The `input` function in Python is used to collect user input. In this case, we're not interested in what the user types; we're just using `input` to pause the program until the user is ready to proceed.

4. `random\_number = random.randint(1, 10)`: This line generates a random integer number between 1 and 10 (inclusive) using the `randint` function from the random module. The result is stored in the `random\_number` variable.

5. `print("Your random number is:", random\_number)`: This line prints the generated random number to the user. It tells the user what the random number is by concatenating a string with the value of `random\_number`.

So, in essence, this script welcomes the user, waits for them to press enter, and then generates and displays a random number between 1 and 10.