Challenge: Read my Mind

Welcome, brave souls, to the enigmatic world of the Read My Mind challenge! To complete this extraordinary test of intuition, strategy, and luck, you must follow these steps:

1. **Generate a secret number**: Write a program that uses Python's built-in random module to create a random integer between 1 and 100. This mystical number will be the secret that you must uncover.
2. **Set your attempts**: Allow the user only 5 attempts to guess the secret number correctly. Keep track of the remaining attempts as the game progresses.
3. **Accept user input**: Prompt the user to enter their guess for the secret number. Make sure to convert their input into an integer.
4. **Provide hints**: For each incorrect guess, give the user a hint to guide their next attempt. Inform them if they need to guess higher or lower.
5. **Track attempts**: With each guess, decrement the number of remaining attempts.
6. **Determine the outcome**: If the user successfully guesses the secret number within the allowed attempts, congratulate them on their victory! If the user fails to guess the number after 5 attempts, reveal the secret number and let them know they have been defeated.

Prepare yourself for an exhilarating journey as you attempt to uncover the secret number that lurks within your computer's digital mind. Will you triumph over the challenge, or will the enigma remain unsolved? The fate of the game rests in your hands! Good luck, and may the odds be ever in your favor!