```python
import random

def number_guess_game():
    print("Welcome to the Number Guessing Game!")
    print("I'm thinking of a number between 1 and 100. Can you guess
        what it is?")

    # Generate a random number between 1 and 100
    secret_number = random.randint(1, 100)

    attempts = 0
    while attempts < 3:
        try:
            guess = int(input("Enter your guess: "))
            attempts += 1

            if guess < secret_number:
                print("Too low! Try a higher number.")
            elif guess > secret_number:
                print("Too high! Try a lower number.")
            else:
                print(f"Congratulations! You guessed the number
```

Output

```
Welcome to the Number Guessing Game!
I'm thinking of a number between 1 and 100. Can you guess what
Enter your guess  25
Too low! Try a higher number.
Enter your guess  35
Too low! Try a higher number.
Enter your guess: 25
Too low! Try a higher number.
Sorry, you've used all your attempts. The number was 56.

=== Code Execution Successful ===
```

```
11      while attempts < 3:
12          try:
13              guess = int(input("Enter your guess: "))
14              attempts += 1
15
16              if guess < secret_number:
17                  print("Too low! Try a higher number.")
18              elif guess > secret_number:
19                  print("Too high! Try a lower number.")
20              else:
21                  print(f"Congratulations! You guessed the number
                        {secret_number} correctly in {attempts} attempts!")
22                  return
23
24          except ValueError:
25              print("Invalid input! Please enter a valid number.")
26
27      # If all attempts are used up
28      print(f"Sorry, you've used all your attempts. The number was
            {secret_number}.")
29
30  if __name__ == "__main__":
31      number_guess_game()
```

```
Welcome to the Number Guessing Game!
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Enter your guess: 35
Too low! Try a higher number.
Enter your guess: 25
Too low! Try a higher number.
Sorry, you've used all your attempts. The number was 56.

=== Code Execution Successful ===
```

Save   Run

Output

```
("Enter your guess: "))


_number:
ow! Try a higher number.")
et_number:
gh! Try a lower number.")


ratulations! You guessed the number
number} correctly in {attempts} attempts!")




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Too low! Try a higher number.
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