```
import random
```

```
def number quessing game():
  # Generate a random number between 1 and 100
  secret_number = random.randint(1, 100)
  attempts = 0
  max_attempts = 7
  print("■ Welcome to the Number Guessing Game!")
  print(f"I'm thinking of a number between 1 and 100.")
  print(f"You have {max_attempts} attempts to guess it correctly.")
  print("-" * 40)
  while attempts < max_attempts:
    try:
       # Get user input
       user_guess = int(input(f"Attempt {attempts + 1}/{max_attempts} - Enter your guess: "))
       attempts += 1
       # Compare guess with secret number
       if user guess == secret number:
         print(f"■ Congratulations! You guessed it correctly!")
         print(f"The number was {secret_number}")
         print(f"You won in {attempts} attempts!")
         break
       elif user_guess < secret_number:
         print("■ Too low! Try a higher number.")
       else:
         print("■ Too high! Try a lower number.")
       # Show remaining attempts
       remaining = max_attempts - attempts
       if remaining > 0:
         print(f"You have {remaining} attempts left.\n")
     except ValueError:
       print("■ Please enter a valid number!")
       attempts -= 1 # Don't count invalid input as an attempt
  # Game over - player ran out of attempts
  if attempts == max attempts and user guess != secret number:
     print(f"■ Game Over! You've used all {max_attempts} attempts.")
     print(f"The correct number was: {secret_number}")
  # Ask if player wants to play again
  play_again = input("\nWould you like to play again? (y/n): ").lower()
  if play_again in ['y', 'yes']:
     print("\n" + "="*50)
     number_guessing_game() # Recursive call to play again
     print("Thanks for playing! Goodbye! ■")
```

```
# Run the game
if __name__ == "__main__":
    number_guessing_game()
```