

# Make a random guessing game!

Develop a game where the program generates a random number, and the user has to guess that number within a certain number of attempts. Provide hints such as "higher" or "lower" to help the user narrow down their guesses.

# Solution

```
import random
```

```
number = random.randint(1, 10)
```

```
attempts = 0
```

```
guessed = False
```

```
print("Welcome to Guess the Number!")
```

```
print("Guess the number! It's between 1 and 10.")
```

```
while not guessed:
```

```
    guess = int(input("Take a guess: "))
```

```
    attempts += 1
```

```
    if guess < number:
```

```
        print("Too low! Try again.")
```

```
    elif guess > number:
```

```
        print("Too high! Try again.")
```

```
    else:
```

```
        print("Congratulations! You guessed the number in" + attempts + "attempts.")
```

```
        guessed = True
```