In [1]:

```python
import random
randNumber = random.randint(1,100)
userGuess = None
guesses = 0

while(userGuess != randNumber):
    userGuess = int(input("Enter your guess: "))
    guesses += 1

    if(userGuess==randNumber):
        print("You guessed it right!")
    else:
        if(userGuess>randNumber):
            print("You guessed it wrong! Enter a smaller number")
        else:
            print("You guessed it wrong! Enter a larger number")

print(f"You guessed the number in {guesses} guesses")
```

```
Enter your guess: 58
You guessed it wrong! Enter a smaller number
Enter your guess: 40
You guessed it wrong! Enter a smaller number
Enter your guess: 20
You guessed it wrong! Enter a smaller number
Enter your guess: 14
You guessed it wrong! Enter a larger number
Enter your guess: 17
You guessed it wrong! Enter a smaller number
Enter your guess: 16
You guessed it right!
You guessed the number in 6 guesses
```

In [ ]: