

How to generate a Random Number in Swift?

Swift – Random Number

To generate a random number in Swift, use `Int.random()` function.

`Int.random()` returns a number, that is randomly selected, in the given range. We can also specify the generator, using which the random value has to be generated.

Example

In this example, we will generate a random number in the range 1...99. `Int.random()` with the range 1...99, will return a number between 1 and 99, of course including 1 and 99.

main.swift

```
var n = Int.random(in: 1...99)
print("Random Number = \(n)")
```

Output

```
Random Number = 78
```

Generate N digit Random Number

To generate N digit random number, we may specify the range using smallest and largest of the N digit number. For example, to generate a random number of length 5, we can specify the range 10000...99999 to `random()` function.

main.swift

```
var n = Int.random(in: 10000...99999)
print("Random Number = \(n)")
```

Output

```
Random Number = 63859
```

Conclusion

In this [Swift Tutorial](#), we learned how to generate a random number in Swift, using `Int.random()` function.

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‡ Swift - struct error: missing argument labels in call