



**scope functions**

**run(non-extension)**

3

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- returns the result of evaluating the lambda
- use cases:
  - ☒ running statements where an expression is required

```
fun generateRandomNumber(): Int {  
    val generated = Random.nextInt(100)  
    println("I generated $generated")  
    return generated  
}
```

```
fun generateRandomNumber(): Int = run {  
    val generated = Random.nextInt(100)  
    println("I generated $generated")  
    generated  
}
```



# Scope functions

## run (non-extension)

```
fun generateRandomNumber(): Int {  
    val generated = Random.nextInt(100)  
    println("I generated $generated")  
    return generated  
}
```

- returns the result of evaluating the lambda
- use cases:
  - ☒ running statements where an expression is required

```
fun generateRandomNumber(): Int = run {  
    val generated = Random.nextInt(100)  
    println("I generated $generated")  
    generated  
}
```

# Scope functions

## with