

# PROGRAMMING

# SWIFT

## PART 3

## FUNCTIONS & OPTIONALS



## MORE FUNCTIONS

# Function Syntax

```
func functionName(parameterList) -> ReturnType {  
    return returnValue  
}
```



# Parameter List Syntax

```
externalName1 parameterName1: ParameterType1,  
externalName2 parameterName2: ParameterType2,  
...
```

# -function Syntax

```
func functionName(parameterList) -> ReturnType {  
    return returnValue  
}
```

## Parameter List Syntax

```
externalName1 parameterName1: ParameterType1,  
externalName2 parameterName2: ParameterType2,  
...
```

## Example

```
func add(_ x: Int, _ y: Int) -> Int {  
    return x + y  
}  
add(1, 2)
```