Kotlin Cheat Sheet: Functions

Java

```java
void doSomething() {
    // logic here
}
```

Kotlin

```kotlin
fun doSomething() {
    // logic here
}
```

Java

```java
void doSomething() {
    // logic here
}
```

Kotlin

```kotlin
fun doSomething() {
    // logic here
}
```

Java

```java
int getScore() {
    // logic here
    return score;
}
```

Kotlin

```kotlin
fun getScore(): Int {
    // logic here
    return score
}

// as a single-expression function

fun getScore(): Int = score

// even simpler (type will be determined automatically)

fun getScore() = score // return-type is Int
```

Java

```java
int getScore() {
    // logic here
    return score;
}
```

Kotlin

```kotlin
fun getScore(): Int {
    // logic here
    return score
}

// as a single-expression function

fun getScore(): Int = score

// even simpler (type will be determined automatically)

fun getScore() = score // return-type is Int
```

Java

```java
int getScore(int value) {
    // logic here
    return 2 * value;
}
```

Kotlin

```kotlin
fun getScore(value: Int): Int {
    // logic here
    return 2 * value
}

// as a single-expression function
fun getScore(value: Int): Int = 2 * value

// even simpler (type will be determined automatically)

fun getScore(value: Int) = 2 * value // return-type is int
```

Java

```java
int getScore(int value) {
    // logic here
    return 2 * value;
}
```

Kotlin

```kotlin
fun getScore(value: Int): Int {
    // logic here
    return 2 * value
}

// as a single-expression function
fun getScore(value: Int): Int = 2 * value

// even simpler (type will be determined automatically)

fun getScore(value: Int) = 2 * value // return-type is int
```