Kotlin Cheat Sheet: Variables & Expressions

Java

```java
System.out.print("Amit Shekhar");
System.out.println("Amit Shekhar");
```

Kotlin

```kotlin
print("Amit Shekhar")
println("Amit Shekhar")
```

Java

```
System.out.print("Amit Shekhar");
System.out.println("Amit Shekhar");
```

Kotlin

```
print("Amit Shekhar")
println("Amit Shekhar")
```

Java

```java
String name = "Amit Shekhar";
final String name = "Amit Shekhar";
```

Kotlin

```kotlin
var name = "Amit Shekhar"
val name = "Amit Shekhar"
```

Java

```
String name = "Amit Shekhar";
final String name = "Amit Shekhar";
```

Kotlin

```
var name = "Amit Shekhar"
val name = "Amit Shekhar"
```

Java

```java
String otherName;
otherName = null;
```

Kotlin

```kotlin
var otherName : String?
otherName = null
```

Java

```
String otherName;
otherName = null;
```

Kotlin

```
var otherName : String?
otherName = null
```

Java

```java
String text = "First Line\n" +
              "Second Line\n" +
              "Third Line";
```

Kotlin

```kotlin
val text = """
        |First Line
        |Second Line
        |Third Line
        """.trimMargin()
```

Java

```java
String text = "First Line\n" +
              "Second Line\n" +
              "Third Line";
```

Kotlin

```kotlin
val text = """
        |First Line
        |Second Line
        |Third Line
        """.trimMargin()
```

Java

```java
final int andResult  = a & b;
final int orResult   = a | b;
final int xorResult  = a ^ b;
final int rightShift = a >> 2;
final int leftShift  = a << 2;
```

Kotlin

```kotlin
val andResult  = a and b
val orResult   = a or b
val xorResult  = a xor b
val rightShift = a shr 2
val leftShift  = a shl 2
```

Java

```java
final int andResult  = a & b;
final int orResult   = a | b;
final int xorResult  = a ^ b;
final int rightShift = a >> 2;
final int leftShift  = a << 2;
```

Kotlin

```kotlin
val andResult  = a and b
val orResult   = a or b
val xorResult  = a xor b
val rightShift = a shr 2
val leftShift  = a shl 2
```

Java

```java
String[] splits = "param=car".split("=");
String param = splits[0];
String value = splits[1];
```

Kotlin

```kotlin
val (param, value) = "param=car".split("=")
```

Java

```java
String[] splits = "param=car".split("=");
String param = splits[0];
String value = splits[1];
```

Kotlin

```kotlin
val (param, value) = "param=car".split("=")
```