



1. Operators and Strings

Operators and Strings

Operators and Strings

1. Operators and Strings

Arithmetic operators	<code>+, -, *, /, %</code>
Assignment operators	<code>=, +=, -=, *=, /=, ++, --</code>
Relational operators	<code>==, !=, >, >=, <, <=</code>
Logical operators	<code>!, &&, </code>

Arithmetic operators (+, -, *, ...)

Arithmetic operators

```
String message = "Hello";  
String anotherMessage = "Hi";  
message + anotherMessage;  
message - anotherMessage;  
message * anotherMessage;  
message / anotherMessage;  
message % anotherMessage;
```



Error compilation

Arithmetic operators

```
String message = "Hello";  
String anotherMessage = "Hi";  
String result = message + anotherMessage;
```

```
System.out.println(result);
```

```
//Prints
```

```
//HelloHi
```



String concatenation

Arithmetic operators

```
String message = "Hello";  
String anotherMessage = "Hi";  
String result = message + " " + anotherMessage;
```

```
System.out.println(result);
```

```
//Prints
```

```
//Hello Hi
```

Assignment operators (=, +=, -=, ...)

```
String message = "Hello";
```


Assignment operators

```
String message = "Hello";
```

```
message += "Hi";
```

```
message = "Hi";
```

```
message *= "Hi";
```

```
message /= "Hi";
```

```
message++;
```

```
message--;
```



Error compilation

Assignment operators

```
String message = "Hello";  
message += "Hi"; //message = message + "Hi";  
System.out.println(message);
```

```
//Prints
```

```
//HelloHi
```

Relational operators (`==`, `!=`, `>`, `<`, ...)

Relational operators

```
String message = "Hello";  
String anotherMessage = "Hello";  
message == anotherMessage;  
message != anotherMessage;  
message > anotherMessage;  
message < anotherMessage;  
message >= anotherMessage;  
message <= anotherMessage;
```



Error compilation

Relational operators

```
String message = "Hello";  
String anotherMessage = "Hello";  
boolean isEqual = (message == anotherMessage);
```

Relational operators

```
String message = "Hello";  
String anotherMessage = "Hello";  
boolean isNotEqual = (message != anotherMessage);
```

Logical operators

```
String message = "Hello";
```

```
String anotherMessage = "Hi";
```

```
!message;
```

```
message && anotherMessage;
```

```
message || anotherMessage;
```



Error compilation

“La lectura hace al hombre completo; la conversación lo hace ágil, el escribir lo hace preciso”

Francis Bacon, escritor y filósofo

