Dart

NULL AWARE OPERATORS

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1)

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allows you to access properties or methods of an object only if the object is not null

ex :

```
List<int>? nums;
print(nums?.length);
```

Here nothing will get printed as the list is null. length will only be printed after assgning a value to nums.

2)

??

This is used to provide a default value for nullable expressions. It checks if the expression on its left is null; if it is, it evaluates and returns the expression on its right. Otherwise, it returns the expression on its left.

ex :

```
int? a; // Nullable integer
print(a?? 10); // Prints 10 because 'a' is null

int b = 5;
print(b?? 20); // Prints 5 because 'b' is not null
```

3)

??=

This is used to assign a value to a variable only if that variable is currently null. If the variable is not null, it leaves the variable unchanged.

ex :

```
String? name;

// Assign "John Doe" to 'name' only if 'name' is currently null
name??= "John Doe";

print(name); // Prints "John Doe"
```

4)

...?

This is used to insert elements from a list into another list only if the source list is not null.

ex :

```
List<int> list1 = [1, 2, 3];
List<int>? list2 = null; // This list could be null

// Merge the lists using the null-aware spread operator
List<int> mergedList = [...list1,...?list2];

print(mergedList); // Output: [1, 2, 3]
```