

Control structures

```
// ----- CONTROL STRUCTURE -----  
  
// CONDITIONAL CHECKS  
// if  
// else if  
// else  
  
if (booleanExpression0) {  
    // do something  
} else if (booleanExpression1) {  
    // do something else  
} else {  
    // do another thing  
}  
  
// SWITCH CASE DEFAULT  
// break => included at the end of each case statement to prevent logic from dropping through  
  
switch (variableExpression) {  
    case constantExpression1: {  
        // do something  
    }  
    break;  
    case constantExpression2: {  
        // do something else  
    }  
    break;  
    default: {  
        // do another thing  
    }  
    break;  
}  
  
// LOOPS  
// for loop  
// while loop  
  
for (var i=0; i<3; i++){  
    print("Loop:${i}");  
}  
  
var num = 3;  
while (num >= 1){  
    print("New count:${num}");  
    num--;  
}
```

Data structures