The Dart Programming Language

Lecture 4

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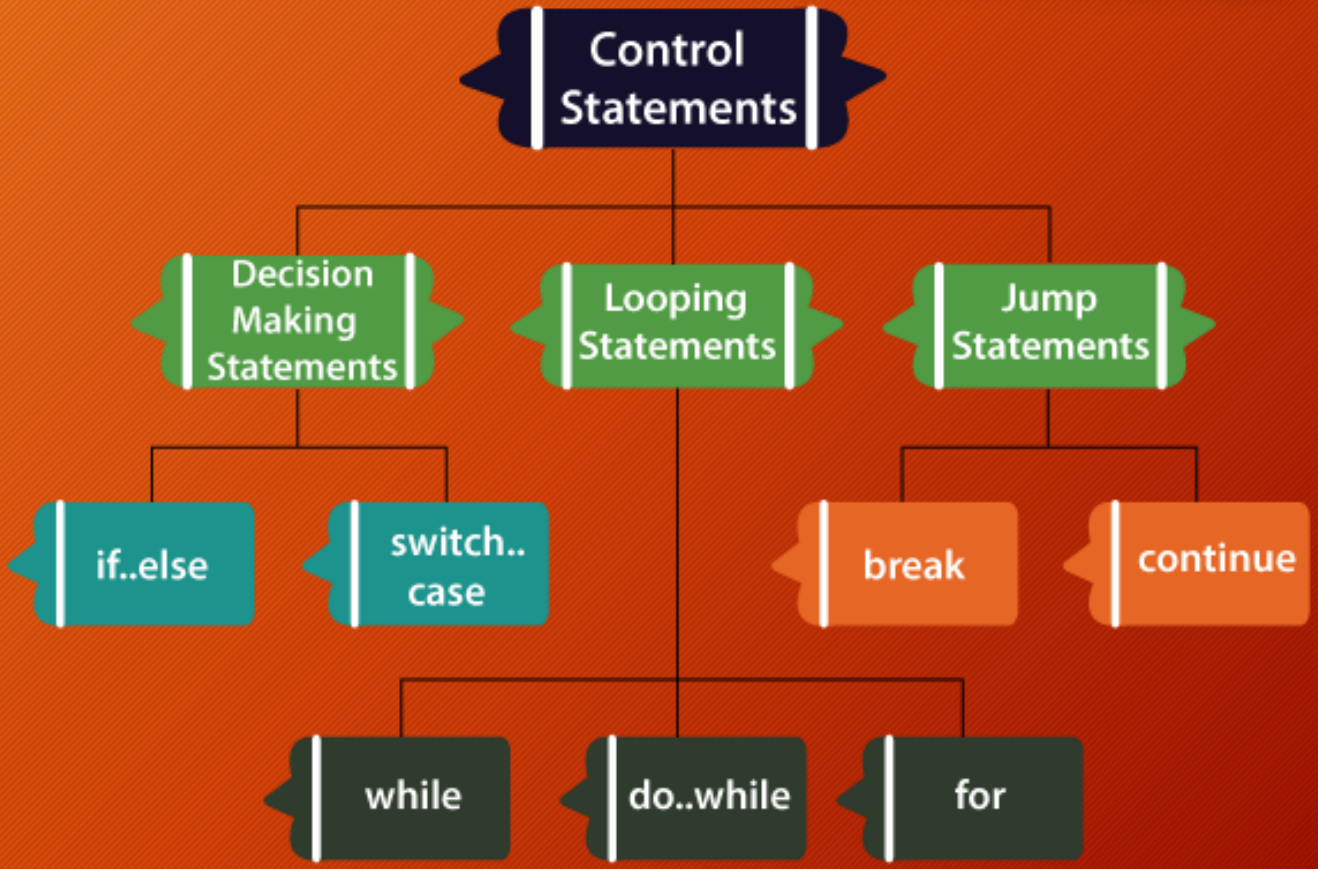
Control flow statement

- Control flow statement can be categorized mainly in three following ways.
  - Decision-making statements
  - Looping statements
  - Jump statements

Control flow statement



If statement

```
if (condition) {
    //statement(s)
}
```

If – else statement

```
if(condition) {
    // statement(s);
} else {
   // statement(s);
}
```

If – else – if statement

```
if (condition1) {
  // statement(s)
}
else if(condition2) {
  // statement(s)
}
else if (conditionN) {
  // statement(s)
}
.
.
else {
  // statement(s)
}
```

Nested if statement

It is possible to write an if in another if statement also.

Swith Statement

```
switch( expression )
{
   case value-1:{
        //statement(s)
        Block-1;
                              }
                               break;
   case value-2:{
                                        //statement(s)
        Block-2;
                              }
                               break;
   case value-N:{
                                        //statement(s)
        Block-N;
                              }
                               break;
   default:   {
        //statement(s);
                             }
}
```

While Loop

```
while(condition) {
  // loop body
}
```

for Loop

- for(Initialization; condition; incr/decr) {
  - / / loop body
- }

for Loop

- for (var i in expression) {
  - //statement(s)
- }

do-while Loop

```
do {
    // loop body
} while(condition);
```

THANK YOU
FOR YOUR
ATTENTION