Hands-on JavaScript Conditional Statements ❯❯ Clarusway

> Purpose of the this hands-on training is to teach the students JavaScript Conditional Statements.

Learning Outcomes

> At the end of the this hands-on training, students will be able to use;

- `if` Statement
- `else` Statement
- `else if` Statement
- `switch` Statement.

Part 1 - `if` Statement

- The if statement executes a statement if a specified condition is true.

Syntax :

```
if (condition) {
  statement;
}
```

Part 2 - `if .. else` Statement

The if statement executes a statement if a specified condition is true. If the condition is false, another statement can be executed.

Syntax :

```
if (condition) {
  firstStatement;
} else {
  secondStatement;
}
```

Part 3 - `if .. else if .. else` Statement

- Multiple if...else statements can be nested to create an else if clause. Note that there is no elseif or elif (in one word) keyword in JavaScript.

Syntax :

```
if (firstCondition)
   firstStatement
else if (secondCondition)
   secondStatement
else if (thirdCondition)
   thirdStatement
...
else
   lastStatement
```

Part 4 - `switch` Statement

- The switch statement evaluates an expression, matching the expression's value to a case clause, and executes statements associated with that case, as well as statements in cases that follow the matching case.
- A default clause; if provided, this clause is executed if the value of expression doesn't match any of the case clauses.

```
switch (expression) {
 case firstValue:
   //statement of expression matches firstValue
   break;
 case secondValue:
   //statement of expression matches secondValue
   break;
 ...
 case nthValue:
   //statement of expression matches nthValue
   break;
 default:
   //Statements executed when none of
   //the values match the value of the expression
   break;
}
```