

JAVASCRIPT-CORE-S3-Conditional Statement

Js conditionals Cohort 10
Training Clarusway
Pear Deck - January 22, 2022 at 1:02AM

Part 1 - Summary

Use this space to summarize your thoughts on the lesson

Part 2 - Responses

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- ▶ The if Statement
- ▶ if ... else if...else Statement
- ▶ Switch Statement

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Your Response



Did you finish Javascript Core pre-class material?

YES **NO**

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Students choose an option

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Play Kahoot!

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Link(s) on this slide:

- <https://create.kahoot.it/details/6-conditionals/dc60697c-9ac5-4769-89d4-affa945a19f0>

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1 Conditional Statement

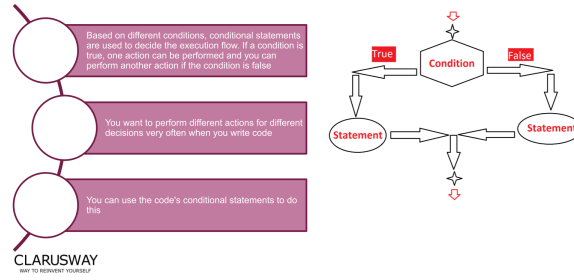


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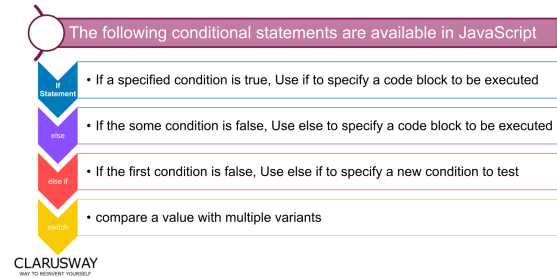
► Conditional Statement



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► Conditional Statement

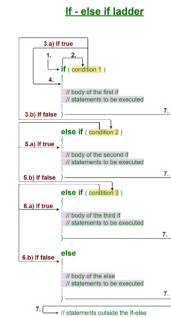


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2 The *if* Statement

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► The *if* Statement



The following conditional statements are available in JavaScript

```
if (condition) {
  // Statement (if the condition is true, statement to
  // be execute)
}
```

```
if (score >= 50) {
  congratulate();
}
```

CODE TO CONGRATULATE IF VALUE IS TRUE

```
<script>
var x = 3;
if (x == 3) {
  console.log(x == 3); // Statement (if the condition is...
                      // true, statement to be execute.
}
</script>
```

Elements Console

top

true

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3 The *else* Statement

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► The *else* Statement



◉ If the condition is false, use the other statement to define a block of code to be executed.

```
if (condition) {  
  // Statement (if the condition is true, statement to be execute)  
} else {  
  // Statement (if the condition is false, statement to be execute)  
}
```

```
<script>  
var time = 8;  
if (time < 11) {  
  console.log("Good morning!");  
} else {  
  console.log("Good day!");  
}  
</script>
```

```
if (score >= 50) {  
  congratulate();  
}  
else {  
  encourage();  
}
```

● CONDITIONAL STATEMENT ● COMMENTS ● IF STATE BLOCK ● ELSE STATE BLOCK

top
Good morning!
>

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4 The *if...else if...else* Statement

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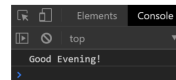
► The *if...else if... else...* Statement

◉ If the first condition is false, use the other if the statement defines a new condition

```
if (condition_1) {  
  // Statement_1 (if the condition_1 is true, statement_1 to be execute)  
} else if (condition_2) {  
  // Statement_2 (if the condition_1 is false & condition_2 is true, statement_2 to be execute)  
} else {  
  // Statement_3 (if the condition_1 & condition_2 are false, statement_3 to be execute)  
}
```

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```
<script>  
var time = 21;  
if (time < 11) {  
  console.log("Good morning!");  
} else if (time < 19) {  
  console.log("Good Afternoon!");  
} else {  
  console.log("Good Evening!");  
}  
</script>
```



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5 The *switch* Statement

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► The *switch* Statement



Switch case statement is used to compare the value of a variable with multiple values and execute some statements based on the match

```
switch (level) {  
  case 'one':  
    title = "Level 1";  
    break;  
  case 'Two':  
    title = "Level 2";  
    break;  
  case 'Three':  
    title = "Level 3";  
    break;  
  default:  
    title = "Level 1";  
    break;  
}
```

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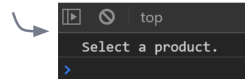
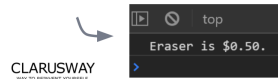
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► The *switch* Statement

```
<script>
var product = 'eraser';
var message;
switch (product) {
  case "pen":
    message = "Pen is $0.93.";
    break;
  case "eraser":
    message = "Eraser is $0.50.";
    break;
  case "pencil":
    message = "Pencil is $0.80.";
    break;
  default:
    message = "Select a product."
}
console.log(message);
</script>
```

```
<script>
var product = '';
var message;
switch (product) {
  case "pen":
    message = "Pen is $0.93.";
    break;
  case "eraser":
    message = "Eraser is $0.50.";
    break;
  case "pencil":
    message = "Pencil is $0.80.";
    break;
  default:
    message = "Select a product."
}
console.log(message);
</script>
```



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THANKS!
Any questions?



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