

Conditional statements

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Rules

Feel free to interrupt me for:

- questions
- relevant comments

Agenda

- if...else statement
- switch statement
- ternary (conditional) operator
- (comparison and logical operators)

if statement

```
const name = "John";  
  
if (name === "John") {  
    console.log("Your name is John!");  
}
```

if...else statement

```
const age = 16;  
  
if (age >= 18) {  
  console.log("adult");  
} else {  
  console.log("child");  
}
```

if...else if...else statement

```
const age = 18;

if (age === 15) {
  console.log("fifteen");
} else if (age === 18) {
  console.log("eighteen");
} else if (age === 21) {
  console.log("twenty one");
} else {
  console.log("other");
}
```

Switch statement

```
switch (expression) {  
    case choice1:  
        // run this code  
        break;  
    case choice2:  
        // run this code instead  
        break;  
    ...  
    default:  
        // actually, just run this code  
        break;  
}
```

Switch statement

```
const dayNumber = 3;

switch (dayNumber) {
  case 1:
    return "Monday";
  case 2:
    return "Tuesday";
  case 3:
    return "Wednesday";
  case 4:
    return "Thursday";
  case 5:
    return "Friday";
  case 6:
    return "Saturday";
  case 7:
    return "Sunday";
  default:
    return "Invalid number. Please enter a number between 1 and 7.";
}
```


Ternary (conditional) operator

```
condition ? statement1 : statement2;
```

```
const isBirthday = true;
```

```
const greeting = isBirthday ? "Happy birthday!" : "Good day.";
```

Workshop

- demo

Happy coding!