

switch case default in js

The **switch** statement in JavaScript is another control structure that allows you to perform different actions based on different possible values of an expression. It's particularly useful when you have multiple cases to evaluate, each corresponding to a specific action or behavior. In other words, it's often used when you have a specific value and want to compare it to different cases and execute different blocks of code based on the matched case.

It's particularly useful when you have multiple cases to handle and want to avoid writing a series of nested **if** or **if-else** statements.

The basic syntax of the **switch** statement is as follows:

```
switch (expression)
{
  case value1:
    // Code to execute if expression matches value1
    break;
  case value2:
    // Code to execute if expression matches value2
    break;
  // More cases can be added as needed
  default:
    // Code to execute if none of the cases match expression
}
```

- The **expression** is evaluated, and its value is compared against each **case** value.
- If a **case** value matches the **expression**, the code block associated with that **case** is executed.
- The **break** statement is used to exit the **switch** block once a match is found. Without **break**, execution would continue to subsequent cases even after a match is found.

Here's an example using a **switch** statement to determine the day of the week based on a numerical value:

```
let dayNumber = 3;
let dayName;
switch (dayNumber)
{
  case 1:
    dayName = "Sunday";
    break;
  case 2:
    dayName = "Monday";
    break;
  case 3:
    dayName = "Tuesday";
    break;
  case 4:
    dayName = "Wednesday";
    break;
  case 5:
    dayName = "Thursday";
    break;
  case 6:
    dayName = "Friday";
```

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```
        break;
    case 7:
        dayName = "Saturday";
        break;
    default:
        dayName = "Invalid day";
}

console.log("Today is " + dayName);
```

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