

# CSS pseudo-classes

interview question

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# Pseudo classes

- CSS pseudo-classes are used to define the special state of an HTML element.
- They allow you to select and style elements based on their state or position in the document tree.

**Definitions where never understood until examples comes in**

# examples

## :hover

Selects an element when the mouse pointer is over it.

```
a:hover {  
    color: red;  
}
```

This is often used for interactive elements like links or buttons to provide visual feedback.

## :active:

Selects an element when it's being clicked or activated. Useful for styling buttons or links during the click event.

```
button:active {  
  background-color: #007bff;  
  color: white;  
}
```

## :focus:

Selects an element when it gains focus, such as when you click inside an input field

```
input:focus {  
  border-color: #66afe9;  
}
```

## :first-child and :last-child:

Select the first or last child element of a parent. These are useful for applying styles to specific elements

```
/* Style the first row of a table */
table tr:first-child {
    font-weight: bold;
    background-color: #f0f0f0;
}

/* Style the last row of a table */
table tr:last-child {
    font-style: italic;
    background-color: #f9f9f9;
}
```

# :checked

Selects input elements with the "checked" attribute, typically used for custom-styled checkboxes or radio buttons.

```
input[type="checkbox"]:checked {  
    background-color: green;  
}
```

 Follow

  
ON!



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