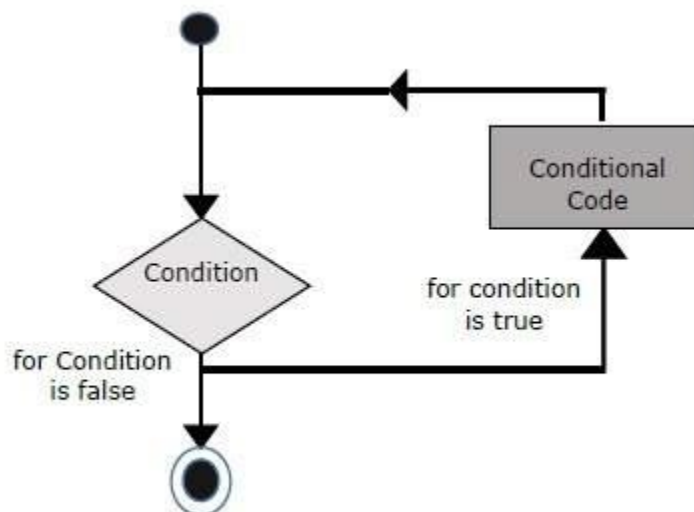# WEBISOFTECH

JavaScript - For Loop

The loop initialization where we initialize our counter to a starting value. The initialization statement is executed before the loop begins.

The test statement which will test if a given condition is true or not. If the condition is true, then the code given inside the loop will be executed, otherwise the control will come out of the loop.

The iteration statement where you can increase or decrease your counter.

Syntax

The syntax of for loop is JavaScript is as follows –

```
for (initialization; test condition; iteration statement) {
   Statement(s) to be executed if test condition is true
}
```

Example

Try the following example to learn how a for loop works in JavaScript.

WEBISOFTECH

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```html
<html>
   <body>
      <script type = "text/javascript">
         <!--
            var count;
            document.write("Starting Loop" + "<br />");

            for(count = 0; count < 10; count++) {
               document.write("Current Count : " + count );
               document.write("<br />");
            }
            document.write("Loop stopped!");
         //-->
      </script>
      <p>Set the variable to different value and then try...</p>
   </body>
</html>
```

Output

Starting Loop
Current Count : 0
Current Count : 1
Current Count : 2
Current Count : 3
Current Count : 4
Current Count : 5
Current Count : 6
Current Count : 7
Current Count : 8
Current Count : 9

Loop stopped!
Set the variable to different value and then try...