Class

#jQuery Notes

jQuery Events

jQuery Events

- jQuery enhances the basic event-handling mechanisms by offering the events methods for most native browser events, some of these methods are **ready(), click(), keypress(), dblclick() , hover() ,** etc.

jQuery Mouse Events

Mouse Events

- A mouse event is fired when the user click some element, move the mouse pointer etc…

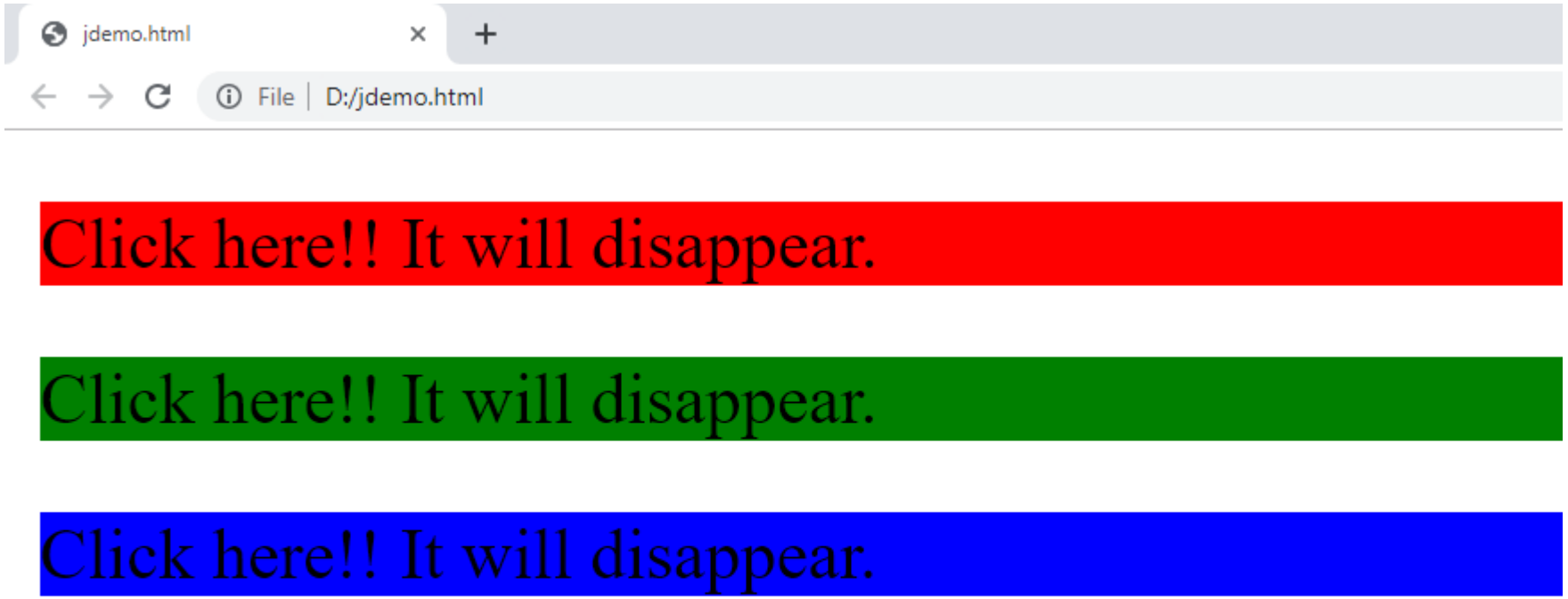
The click() Method

- The jQuery click() method attach an event handler function to the selected elements for "click" event.

Example

```
<!DOCTYPE html>
<html>
<head>
    <script src="https://code.jquery.com/jquery-1.12.4.min.js"></script>
            <script type="text/javascript">
            $(document).ready(function(){
            $("p").click(function(){
             $(this).slideUp();
             });
            });
</script>
</head>
<body>
  <p style="background-color : red;">Click here!! It will disappear.</p>
    <p style="background-color : green;">Click here!! It will disappear.</p>
    <p style="background-color : blue;">Click here!! It will disappear.</p>
</body> </html>
```

Output


jdemo.html
File | D:/jdemo.html
Click here!! It will disappear.
Click here!! It will disappear.
Click here!! It will disappear.

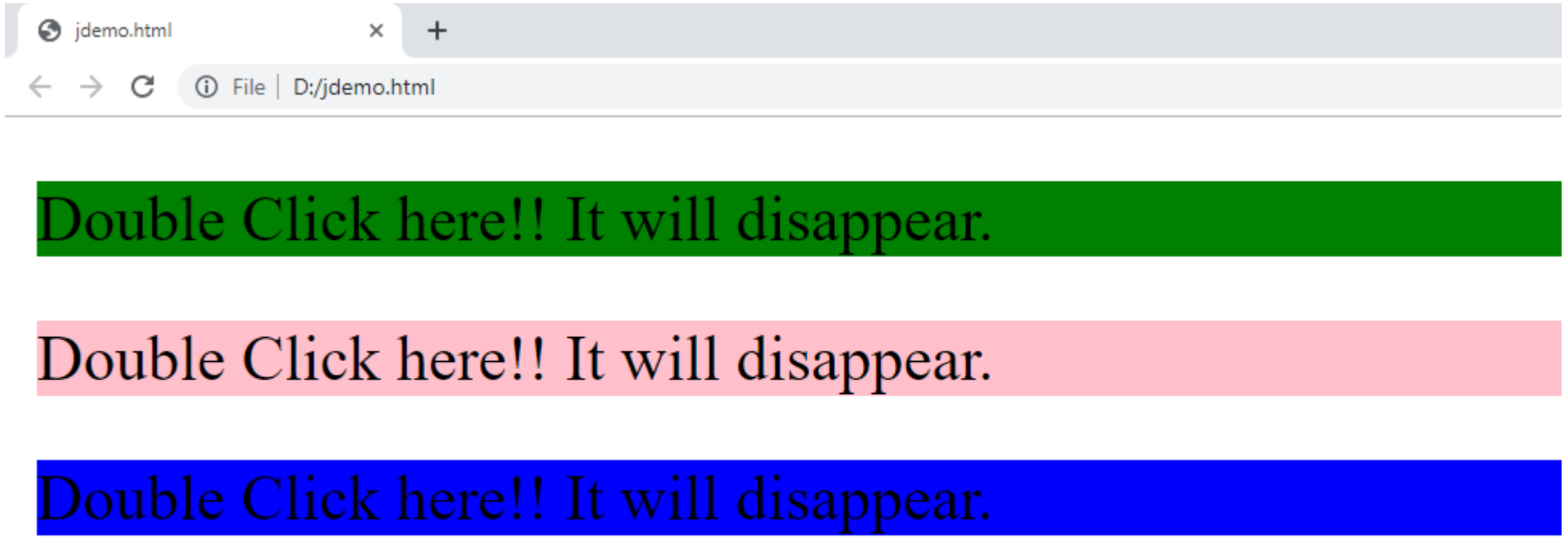
The dblclick() Method

- The jQuery dblclick() method attach an event handler function to the selected elements for "dblclick" event.

Example

```
<!DOCTYPE html>
<html>
<head>
   <script src="https://code.jquery.com/jquery-1.12.4.min.js"></script>
          <script type="text/javascript">
          $(document).ready(function(){
           $("p").dblclick(function(){
            $(this).slideUp();
             });
          });
</script>
</head>
<body>
          <p style="background-color : green;">Double Click here!! It will disappear.</p>
           <p style="background-color : pink;">Double Click here!! It will disappear.</p>
            <p style="background-color : blue;">Double Click here!! It will disappear.</p>
</body>  </html>
```

Output


jdemo.html
File | D:/jdemo.html
Double Click here!! It will disappear.
Double Click here!! It will disappear.
Double Click here!! It will disappear.

The hover() Method

- The jQuery hover() method attach one or two event handler functions to the selected elements that is executed when the mouse pointer enters and leaves the elements.

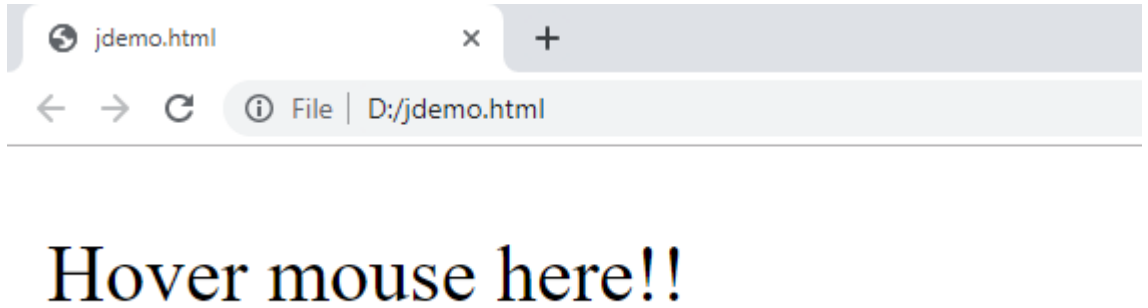
- The first function is executed when the user place the mouse pointer over an element, whereas the second function is executed when the user removes the mouse pointer from that element.

Example

```
<!DOCTYPE html>
<html>
<head>
    <script src="https://code.jquery.com/jquery-1.12.4.min.js"></script>
    <script type="text/javascript">
            $(document).ready(function(){
            $("p").hover(function(){
            $(this).css("background-color", "blue");
             }, function(){
             $(this).css("background-color", "pink");
             });
            });
    </script>
</head>
<body>
  <p>Hover mouse here!!</p>
</body> </html>
```

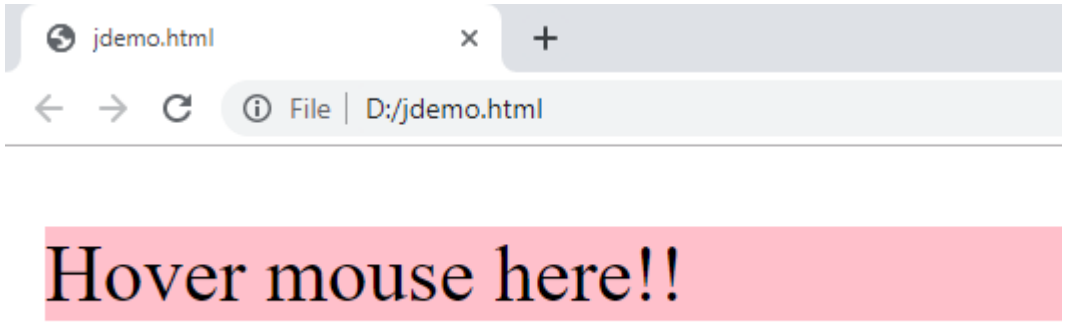
Output

Before Mouse Hover



Mouse Hover

After Mouse Hover



The mouseenter() Method

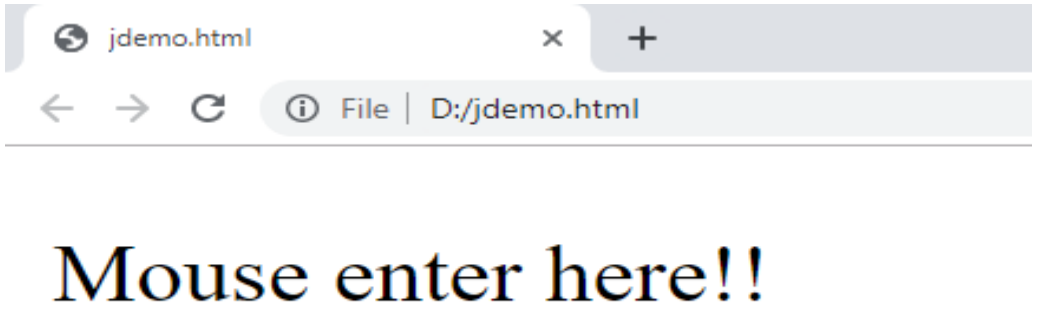
- The jQuery mouseenter() method attach an event handler function to the selected elements that is executed when the mouse enters an element.

Example

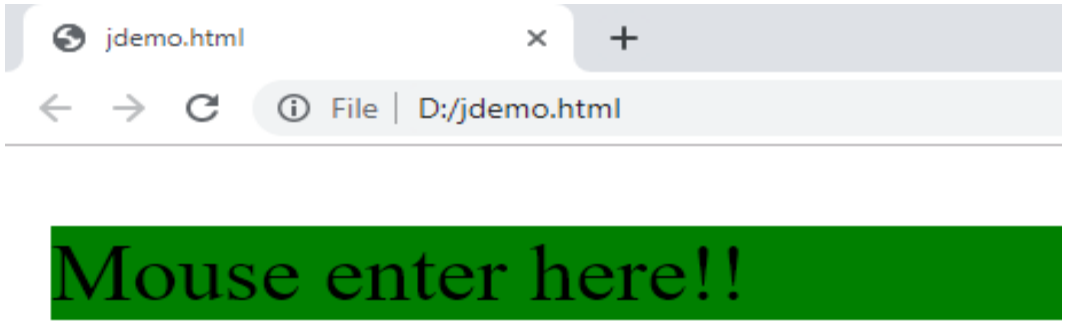
```
<!DOCTYPE html>
<html>
<head>
   <script src="https://code.jquery.com/jquery-1.12.4.min.js"></script>
   <script type="text/javascript">
        $(document).ready(function() {
                    $("p").mouseenter(function() {
                $("p").css("background-color", "green");
            });
        });
</script>
</head>
<body>
        <p>Mouse enter here!!</p>
</body>
</html>
```

Output

Before Mouse Enter



After Mouse Enter



The mouseleave() Method

- The jQuery mouseleave() method attach an event handler function to the selected elements that is executed when the mouse leaves an element.

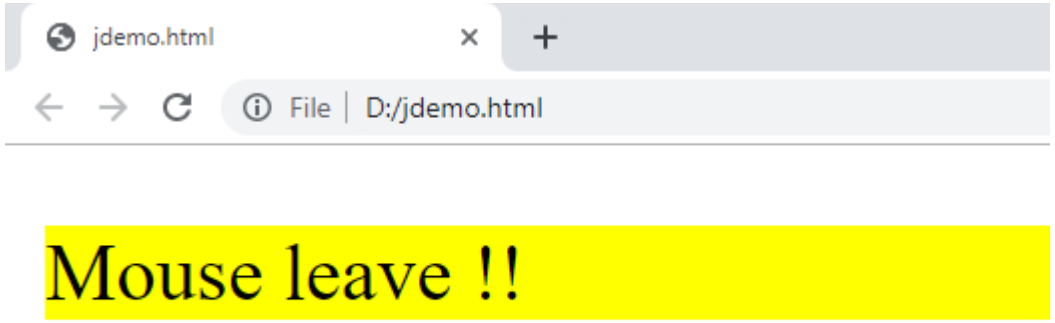
Example

```
<!DOCTYPE html>
<html>
<head>
    <script src="https://code.jquery.com/jquery-1.12.4.min.js"></script>
        <script type="text/javascript">
          $(document).ready(function() {
                    $("p").mouseleave(function() {
                        $("p").css("background-color", "yellow");
                    });
                });
        </script>
</head>
<body>
          <p>Mouse leave !!</p>
</body>
</html>
```

Output

Before Mouse Leave

After Mouse Leave



jQuery Keyboard Events

Keyboard Events

- A keyboard event is fired when the user press or release a key on the keyboard.

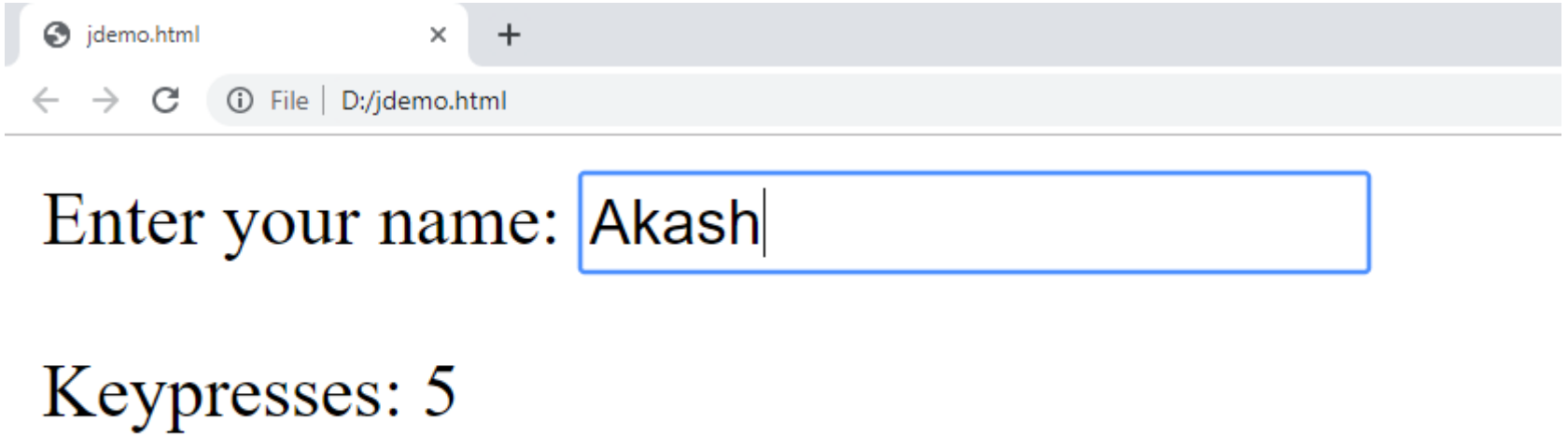
The keypress() Method

- The jQuery keypress() method attach an event handler function to the selected elements (typically form controls) that is executed when the browser receives keyboard input from the user.

Example

```
<!DOCTYPE html>
<html>
<head>
   <script src="https://code.jquery.com/jquery-1.12.4.min.js"></script>
    <script type="text/javascript">
           i = 0;
          $(document).ready(function(){
           $("input").keypress(function(){
          $("span").text(i += 1);
           });
          });
      </script>
</head>
<body>
          Enter your name: <input type="text">
          <p>Keypresses: <span>0</span></p>
</body> </html>
```

Output


jdemo.html
File | D:/jdemo.html
Enter your name: Akash
Keypresses: 5

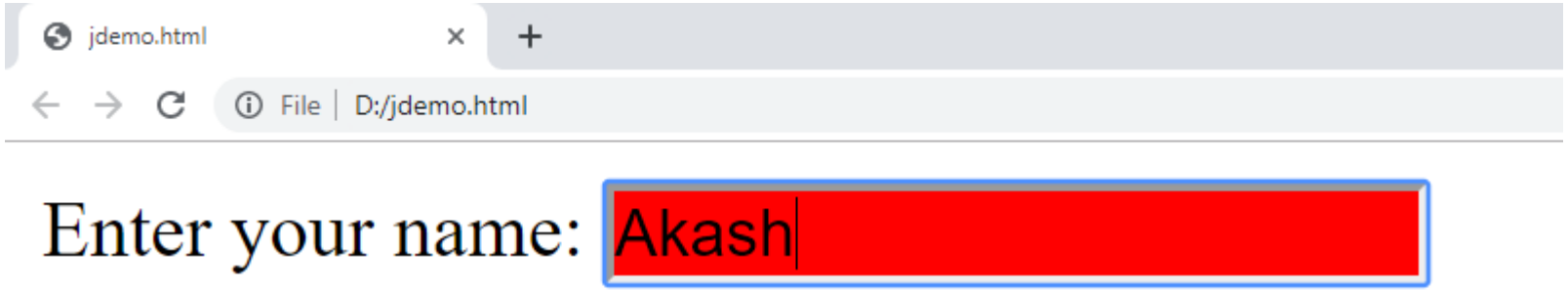
The keydown() Method

- The jQuery keydown() method attach an event handler function to the selected elements (typically form controls) that is executed when the user first presses a key on the keyboard.

Example

```
<!DOCTYPE html>
<html>
<head>
    <script src="https://code.jquery.com/jquery-1.12.4.min.js"></script>
        <script type="text/javascript">
             $(document).ready(function(){
            $("input").keydown(function(){
             $("input").css("background-color", "red");
            });
             });
        </script>
</head>
<body>
          Enter your name: <input type="text">
</body>
</html>
```

Output



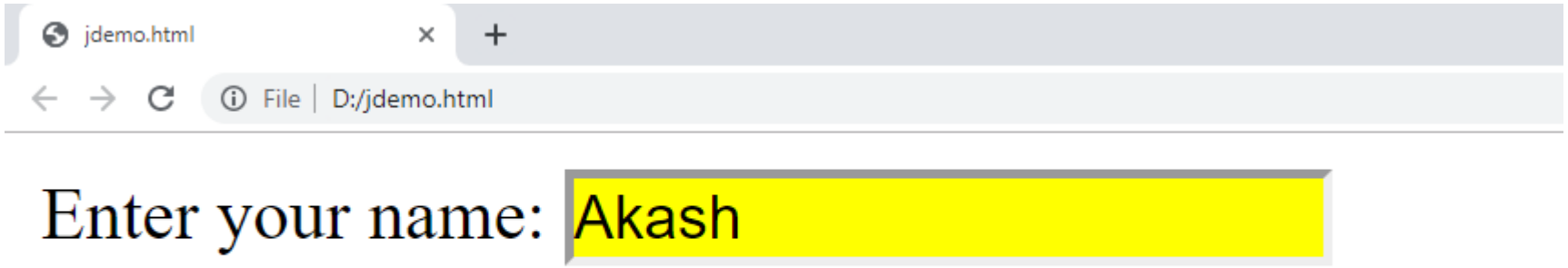
The keyup() Method

- The jQuery keyup() method attach an event handler function to the selected elements (typically form controls) that is executed when the user releases a key on the keyboard.

Example

```
<!DOCTYPE html>
<html>
<head>
    <script src="https://code.jquery.com/jquery-1.12.4.min.js"></script>
     <script type="text/javascript">
          $(document).ready(function(){
           $("input").keyup(function(){
            $("input").css("background-color", "yellow");
           });
           });
       </script>
</head>
<body>
          Enter your name: <input type="text">
</body>
</html>
```

Output



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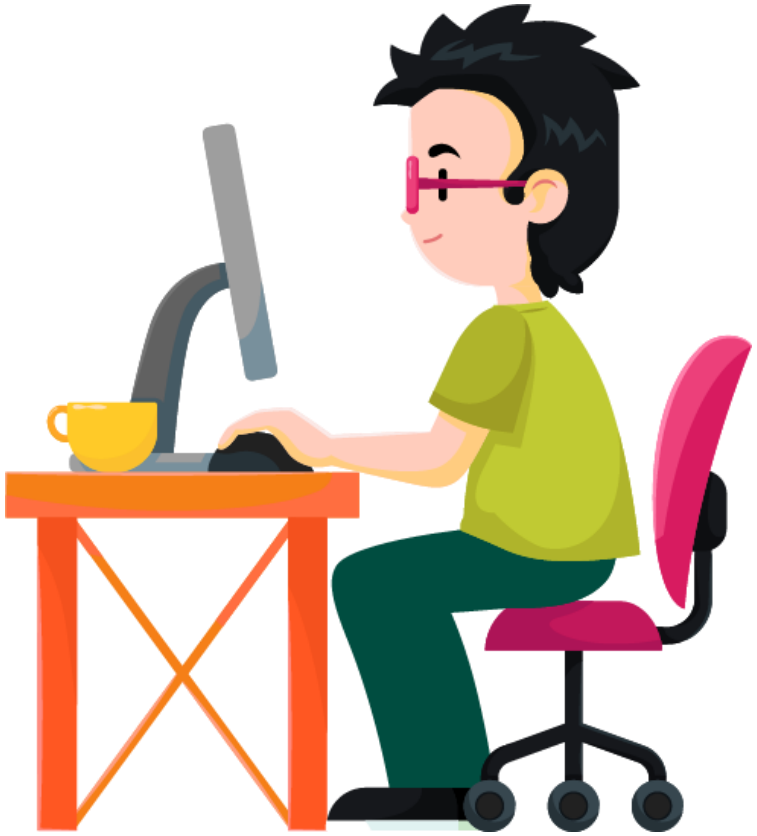

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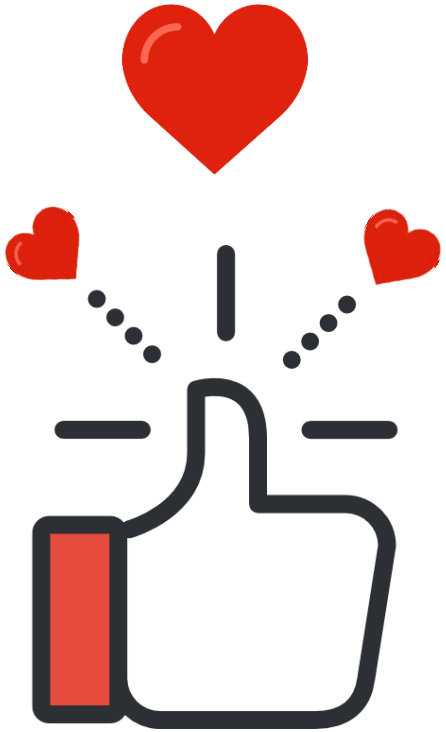

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