**Module 7) J Query Basic**

**• What is jQuery?**

jQuery is a lightweight, "write less, do more", JavaScript library. The purpose of jQuery is to make it much easier to use JavaScript on your website. jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code.

**• How to Apply CSS Using JQuery, How to Add Class and Remove Class in**

**Jquery, JQuery Animation?**

AddClass() - Adds one or more classes to the selected elements.

RemoveClass() - Removes one or more classes from the selected elements.

ToggleClass() - Toggles between adding/removing classes from the selected elements.

**• How to create slider with animation?**

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| <!DOCTYPE html>  <html>  <head>  <meta name="viewport" content="width=device-width, initial-scale=1">  <style>  \* {box-sizing: border-box}  .mySlides1 {display: none}  img {vertical-align: middle;}  .slideshow-container {  max-width: 1000px;  position: relative;  margin: auto;  }  .prev, .next {  cursor: pointer;  position: absolute;  top: 50%;  width: auto;  padding: 16px;  margin-top: -22px;  color: white;  font-weight: bold;  font-size: 18px;  transition: 0.6s ease;  border-radius: 0 3px 3px 0;  user-select: none;  }  .next {  right: 0;  border-radius: 3px 0 0 3px;  }  </style>  </head>  <body>  <div class="slideshow-container">  <div class="mySlides1">  <img src="12.jpg" style="width:100%">  </div>  <div class="mySlides1">  <img src="13.jpg" style="width:100%">  </div>  <div class="mySlides1">  <img src="14.jpg" style="width:100%">  </div>  <a class="prev" onclick="plusSlides(-1, 0)">&#10094;</a>  <a class="next" onclick="plusSlides(1, 0)">&#10095;</a>  </div>  <script>  let slideIndex = [1,1];  let slideId = ["mySlides1"]  showSlides(1, 0);  showSlides(1, 1);  function plusSlides(n, no) {  showSlides(slideIndex[no] += n, no);  }  function showSlides(n, no) {  let i;  let x = document.getElementsByClassName(slideId[no]);  if (n > x.length) {slideIndex[no] = 1}  if (n < 1) {slideIndex[no] = x.length}  for (i = 0; i < x.length; i++) {  x[i].style.display = "none";  }  x[slideIndex[no]-1].style.display = "block";  }  </script>  </body>  </html> |

**• Event bubbling tickling example**