MODULE: 5 (JQuery Basic, Effects & Advance)

Q 1. What is Jquery?

Ans.

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.

jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

Q2. How to Apply CSS Using JQuery, How to Add Class and Remove Class in JQuery, JQuery Animation?

Ans.

The jQuery css() method use for add css to html tag.

css("*propertyname*","*value*");

$("p").css("background-color");

To set multiple CSS properties, use the following syntax:

css({"*propertyname*":"*value*","*propertyname*":"*value*",...});

$("p").css({"background-color": "yellow", "font-size": "200%"});

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

Ex.

$("button").click(function(){

$("h1, h2, p").addClass("blue");

$("div").addClass("important");

});

$("button").click(function(){

$("h1, h2, p").removeClass("blue");

});

$("button").click(function(){

$("h1, h2, p").toggleClass("blue");

});

Q3. How to create slider with animation?

<div class="\_slider">

<a href="#" class="\_slider\_next">&#10095;</a>

<a href="#" class="\_slider\_prev">&#10094;</a>

<ul>

<li>SLIDE 1</li>

<li>SLIDE 2</li>

<li>SLIDE 3</li>

<li>SLIDE 4</li>

</ul>

</div>

CSS:

@import url(https://fonts.googleapis.com/css?family=Open+Sans:400,300,600);

html {

border-top: 5px solid #fff;

background: #efefef;

color: #2a2a2a;

}

html,

body {

margin: 0;

padding: 0;

font-family: "Open Sans";

}

h1 {

margin-left: 15px;

}

/\*

\* [?] START Slider

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.\_slider {

position: relative;

overflow: hidden;

margin-left: 15px;

}

.\_slider:hover .\_slider\_next,

.\_slider:hover .\_slider\_prev {

display: block;

}

.\_slider\_next, .\_slider\_prev {

position: absolute;

top: 35%;

z-index: 999;

display: none;

width: auto;

height: auto;

padding: 2% 4%;

background: #000;

color: #fff;

text-decoration: none;

font-weight: 600;

font-size: 2em;

opacity: 0.8;

cursor: pointer;

}

.\_slider\_next:hover, .\_slider\_prev:hover {

opacity: 1;

-webkit-transition: all 0.2s ease;

}

.\_slider\_next {

right: 0;

}

.\_slider ul {

position: relative;

height: 500px;

margin: 0;

padding: 0;

list-style: none;

}

.\_slider ul li {

float: left;

padding: 0;

position: relative;

background: #ccc;

display: block;

width: 500px;

line-height: 200px;

text-align: center;

}

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\* END Slider

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JQuery:

jQuery(document).ready(function ($) {

var slideCount = $('.\_slider ul li').length;

var slideWidth = $('.\_slider ul li').width();

var slideHeight = $('.\_slider ul li').height();

var sliderUlWidth = slideCount \* slideWidth;

$('.\_slider').css({ width: slideWidth, height: slideHeight });

$('.\_slider ul').css({ width: sliderUlWidth, marginLeft: - slideWidth });

$('.\_slider ul li:last-child').prependTo('.\_slider ul');

function moveLeft() {

$('.\_slider ul').animate({

left: + slideWidth

}, 200, function () {

$('.\_slider ul li:last-child').prependTo('.\_slider ul');

$('.\_slider ul').css('left', '');

});

};

function moveRight() {

$('.\_slider ul').animate({

left: - slideWidth

}, 200, function () {

$('.\_slider ul li:first-child').appendTo('.\_slider ul');

$('.\_slider ul').css('left', '');

});

};

$('.\_slider\_prev').click(function () {

moveLeft();

return false;

});

$('.\_slider\_next').click(function () {

moveRight();

return false;

});

});