HTML

<h7>Heading</h7>

<h6>Heading</h6>

<h8>Heading</h8>

**<p>some text some text
some text some text </p>**

<p>some text some text <break/>some text some text </p>

<p>some text some text <br some text some text > </p>

link

<link href="http://www.wikipedia.org">link</link>

link

<img src="picture.jpg" width="200px" height="150px"></img>

<img src="picture.jpg" width="200px" height="150px">

<img href="picture.jpg" width="200px" height="150px">

<img src="picture.jpg">width="200px" height="150px"</img>

<s></s>

<strike></strike>

CSS

<p color:green font-size:30px>
Deciding what not to do is as important as deciding what to do.
</p>

<p style="color:green; font-size:30px">
Deciding what not to do is as important as deciding what to do.
</p>

<p color = "green" font-size ="30px">
Deciding what not to do is as important as deciding what to do.
</p>

<link rel="stylesheet" type="text/css" href="css/style.css">
This code goes in the head section of the HTML file.

<link rel="stylesheet" type="text/css" href="css/style.css">
This code goes in the body section of the HTML file.

.yellowbox

#yellowbox

class yellowbox

#home{
background-color: green;
floating: left;
}

#home{
background-color: green;
float: left;
}

#home{
color: green;
float: left;
}

#bluebox { display: none}

#bluebox { visibility: hidden}

Maths Website

1. How would you select the last child of an unordered list which is located inside an element of id menu using css.

#menu ul li:last-child

#menu ul:li:last-child

#menu:ul li:last-child

2. Style all active links and links with hover state with a bold font.

```
a:hover + a.active{
font-weight: bold;
}
```

```
a:hover, and a.active{
font-weight: bold;
}
```

a:hover, a.active{
font-weight: bold;
}

Javascript

username = "John";

string username = "John";

var username = "John";

10

11

12

greeting;

greeting();

function greeting();

shoppingList[1]

shoppingList[2]

document.getElementById("facebook")

document.getelementbyid("facebook")

document.getElement(id = "facebook")

Maths Game:

1. How would you hide the element of id "apple" using Javascript Code

document.getElementById("apple").display = "none";

document.getElementById("apple").style.display = "none";

document.getElementById("apple").style= "hidden";

2. How would you add a variable x at the end of the array answers using Javascript code?

answers.add(x);

answers.push(x);

answers.insert(x);

jQuery:

1. How would you select the element of id facebook using jQuery?

$("facebook")

$("#facebook")

$(#facebook)

2. Select the elements of Class "bluebox" and change their background color to #6acb57.

$(".bluebox").css("background-color") = "#6acb57"

$(".bluebox").css("backgroundColor","#6acb57");

$(".bluebox").css("background-color","#6acb57");

3. Using jQuery, how can you hide an element of id facebook?

$("#facebook").hide();

$("#facebook").display("none");

$("#facebook").display("hidden");

4. Using jQuery, how would you change the html content of a div of id apple to <p>This is a paragraph</p> ?

$("#apple").innerHTML("

This is a paragraph

");

$("#apple").html("

This is a paragraph

");

$("#apple").html = "

This is a paragraph

";

5. How would you create an animation using jQuery where the element of id facebook changes its height to 300px slowly.

$("#facebook").height("300px", slow);

```
$("#facebook").animate({
height:'300px'}
, "slow");
```

```
$("#facebook").animation({
height:'300px'}
, "slow");
```

Fruits Slice Game:

1. How would you embed an audio file with two formats mp3 and ogg to an html page.

```
<audio id="slicesound" src="audio/slicefruit.mp3" src="audio/slicefruit.ogg">
</audio>
```

<audio id="slicesound">
<source src="audio/slicefruit.mp3"></source>
<source src="audio/slicefruit.ogg"></source>
</audio>

2. How would you play an audio element of id "slicesound"?

document.getElementById("slicesound").playsound();

document.getElementById("slicesound").play();

Twitter Bootstrap

1. Which class would you use for a full width container?

.container

.container-fluid

2. Using the bootstrap grid system, create a row of two divs with the first div occupying 8 columns and the second div occupying 4 columns in medium devices and beyond.

```
<div class="row">
<div class="col-md8">
some text
</div>
<div class="col-md4">
some text
</div>
</div>
```

<div class="row">
<div class="col-md-8">
some text
</div>
<div class="col-md-4">
some text
</div>
</div>

```
<div class="row">
<div class="col-medium-8">
some text
</div>
<div class="col-medium-4">
some text
</div>
</div>
```

3. How would you make an image circular?

class="img-circular"

class="img-circle"

class="circle"

4. How would you create a black navigation bar?

<nav class="navbar navbar-inverse">

```
<nav class="navbar navbar-default">
```

```
<a href="http://www.google.com" title="Google" toggle="tooltip" placement="right">link</a>
```

`<a href="http://www.google.com" title="Google" data-toggle="tooltip" data-placement="right">link</a>`

App Landing Page:

.featured{

background: url(image.jpg);

background-size: 100%;

}

.featured{

background: url(image.jpg);

background-size: 100% 100%;

}

@media (width-min: 480px) and (width-max: 768px){

.logo{

width: 50px;

height: 50px;

}

}

@media (min-width: 480px) and (max-width: 768px){
.logo{

width: 50px;

height: 50px;

}

}

Company Website:

1. The following code is used to create a collapsible navigation bar:

```
<nav role="navigation" class="navbar navbar-inverse">

<div class="container-fluid">

<div class="navbar-header">

<a class="navbar-brand" href="#"><img src="images/weblogo.png" class="logo"></a>

<button type="button" data-target="#navbarCollapse">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

</div>

<div class="navbar-collapse collapse" id="navbarCollapse">

<ul class="nav navbar-nav">

<li><a href="#">Home</a></li>

<li><a href="#">About</a></li>

<li><a href="#">Portfolio</a></li>

<li><a href="#">Contact</a></li>

</ul>

</div>

</div>

</nav>
```

What is missing in the button tag: <button type="button" data-target="#navbarCollapse"> ?

class="navbar-toggle"

class="navbar-toggle" data-toggle="collapse"

data-toggle="collapse"

2. In the following code:

body{

font-family: Arvo, serif;

background: url(http://freenaturestock.s3.amazonaws.com/232.jpg) no-repeat center center;

background-attachment: ??;

background-size: cover;

}

what value should be given to the background-attachment property so that the background image if fixed when the user scrolls through the page?

true

fixed

Our Lovely Course:

1. The following code is used to embed a video to a webpage:

```
<video id="bgvideo">

<source src="images/nature%20video.mp4" type="video/mp4">

</video>
```

What would you add to the video tag to mute the video and make it autoplay in loops?

autoplay loop mute

auto loop mute

autoplay loop muted

2. The following CSS code is used to style a video which is used as a fixed background in a webpage:

```
video#bgvideo{

min-height: 100%;

min-width: 100%;

z-index: -100;

}
```

What is missing?

background-attachment: fixed

position: fixed;

Stopwatch:

location.reload();

window.reload();

location.refresh();

$(myLapDetails).prependTo("#laps");

The html content of myLapDetails will be added at the end of the element of id #laps

The html content of myLapDetails will be added at the beginning of the element of id #laps

The html content of myLapDetails will be inserted just before the element of id #laps

Drawing App:

localStorage.setItem(x, "somedata");

localStorage.setItem("x", "somedata");

localStorage.x = "somedata";

a string

an object

an html element

PHP:

1. PHP stands for:

HyperText Preprocessor

Personal Home Page

2. Which of the following statements is not correct:

A variable should start with the $ sign followed by the variable name

A variable name cannot start with a number

Variable names are case-insensitive

3. What is the correct syntax for adding two strings?

$string3 = $string1 + $string2

$string3 = $string1 . $string2

4. What is the correct syntax for creating a constant?

define("USERNAME", "buenosdias");

define("username", "buenosdias");

setConstant("USERNAME", "buenosdias");

5. What is the correct syntax for setting a session variable?

$_SESSION["username"] = "John";

$SESSION["username"] = "John";

$_SESSION.username = "John";

MySQL:

mysqli_connect(host, username, password, dbname);

mysqli_connect(host, dbname ,username, password);

mysqli_connect(username, password);

$sql = "INSERT INTO users (firstname, lastname, email, password) ('Mark', 'Zuckerberg', 'M.zuckerberg@gmail.com', 'password')";

$sql = "INSERT INTO users (firstname, lastname, email, password) VALUES ('Mark', 'Zuckerberg', 'M.zuckerberg@gmail.com', 'password')";

$sql = "INSERT ('Mark', 'Zuckerberg', 'M.zuckerberg@gmail.com', 'password') INTO users (firstname, lastname, email, password)";

$sql = "UPDATE users SET lastname='Wilson' FOR firstname='Peter' AND email='Taylor.ztest@gmail.com'";

$sql = "CHANGE users SET lastname='Wilson' WHERE firstname='Peter' AND email='Taylor.ztest@gmail.com'";

$sql = "UPDATE users SET lastname='Wilson' WHERE firstname='Peter' AND email='Taylor.ztest@gmail.com'";

$sql = "DELETE RECORDS FROM users WHERE firstname='George'";

$sql = "DELETE FROM users WHERE firstname='George'";

$sql = "DELETE ROWS FROM users WHERE firstname='George'";

$sql = "DROP users";

$sql = "DELETE users";

$sql = "DROP TABLE users";

WordPress:

1. How would you install a new theme from the WordPress theme directory?

Login to your side admin page, go to Appearance -> Themes -> Add New

Login to your side admin page, go to Plugins

Login to your side admin page, go to Widgets

2. What is a Wordpress plugin?

It is a piece of software that can be uploaded to extend and expand the functionality of your WordPress site.

It is a template which gives a new look to your Wordpress site.

Google Maps:

1. The following code is used to embed a map to a website:

//set map options

var myLatLng = {lat: 51.5, lng: -0.1};

var mapOptions = {

center: myLatLng,

zoom: 7,

mapTypeId: google.maps.MapTypeId.SATELLITE };

//create map

var map = new google.maps.Map(document.getElementById('map'), mapOptions);

How would you set the mapTypeId upon map construction to ROADMAP?

map.MapTypeId = google.maps.MapTypeId.ROADMAP;

map.setMapTypeId(google.maps.MapTypeId.ROADMAP);

map.setMapTypeId(ROADMAP);

2. The following code is used to add a marker to a map:

//create marker

var markerOptions = {

position: myLatLng,

map: map,

title: "This is London",

draggable: true}

var marker = new google.maps.Marker(markerOptions);

What would you add to the marker Options to create a drop animation?

animation: DROP

animation: google.maps.Animation.DROP

drop: true

3. Following is a simple request to calculate the route between New York and Toronto:

var request = {

origin: "New York",

destination: "Toronto"

}

What would you need to add to the request to set the travel mode to driving?

travelMode: google.maps.Travel.Mode.DRIVING

travelMode: google.maps.TravelMode.DRIVING

travelMode: google.maps.TravelMode.DRIVE

Distance between cities:

1. The following code uses the Google Maps autocomplete feature on the input of id "from":

var options = { types: ?}

var input = document.getElementById("from");

var autocomplete = new google.maps.places.Autocomplete(input, options);

What value should be taken by the types option so that the autocomplete feature suggests only cities?

['(cities)']

[(cities)]

cities

2. Which object would you use to display the route on a map?

A DirectionsRenderer Object

A DirectionsService Object

3. Which method of the DirectionsRenderer Object would use to draw the route on a map?

setMap(map)

render(map)

display(map)

Social Widgets:

1. Which of the following is a correct syntax for a facebook like button?

<div class="fb-like"></div>

<div class="fblike"></div>

<div class="facebook-like"></div>

2. Which of the following is a correct syntax for a Google Plus like button?

<div class="g-plus"></div>

<div class="g-plusone"></div>

<div class="google+1"></div>

3. Which of the following is a correct syntax for a Tweet button?

<div class="tweet-button"></div>

<div class="twitter-share"></div>

<div class="twitter-share-button"></div>

jQuery Mobile:

1. Which of the following is a correct syntax for a page's main content?

<div role="main-content" class="ui-content"></div>

<div role="main" class="ui-content"></div>

<div role="main" class="content"></div>

2. Which of the following is a correct syntax for a dialog link with a slide transition?

<a data-role="button" href="dialog.html" data-transition="slide" data-target ="dialog">

<a data-role="button" href="dialog.html" data-transition="slide" data-rel="dialog">

<a data-role="button" href="dialog.html" animation="slide" data-rel="dialog">

3. How would you make a footer fixed at the bottom of the page?

Data-position = "bottom-fixed"

Data-position = "bottom"

Data-position = "fixed"

4. What data-role would you use for a navbar?

"nav"

"navbar"

"nav navbar"

5. Which of the following is a grid layout of three columns?

ui-grid-c

ui-grid-b

ui-grid-d

Speed Reader App:

1. Which of the following is the right syntax for a jQuery Mobile Range Slider?

<input type="range-slider" min="50" max="600">

<input type="range" min="50" max="600">

<input type="slider range" min="50" max="600">

2. How would you update the value of a jQuery Mobile slider?

$("#inputId").slider("refresh");

$("#inputId").slider("update");

$("#inputId").refresh()

3. Which of the following is a correct syntax for creating a full width slider?

```
<form class="full-width">
<input type="range" min="50" max="600">
</form>
```

```
<form class="full-width-slider">
<input type="range" min="50" max="600">
</form>
```

```
<form class="full-slider">
<input type="range" min="50" max="600">
</form>
```