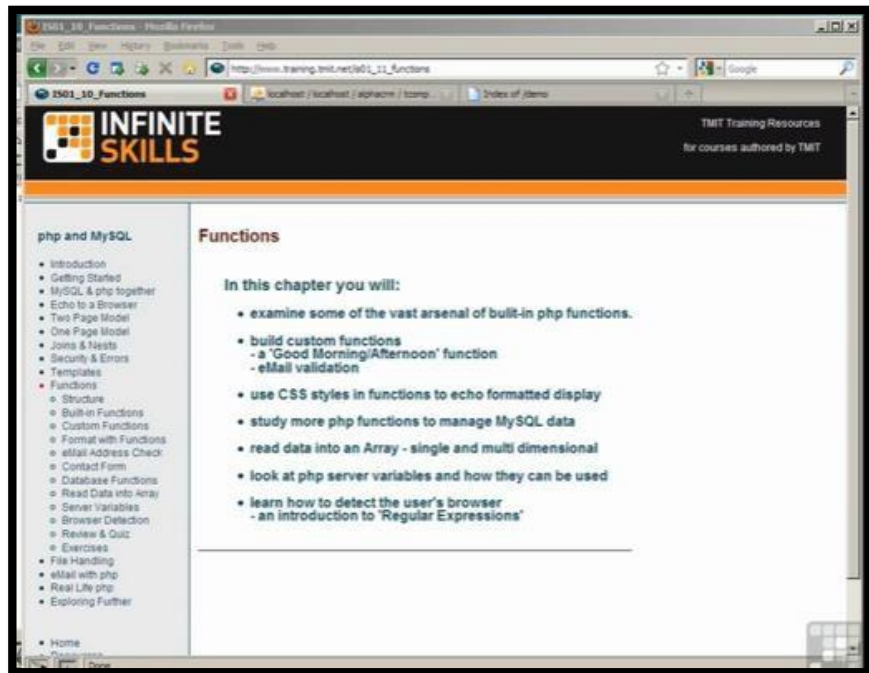


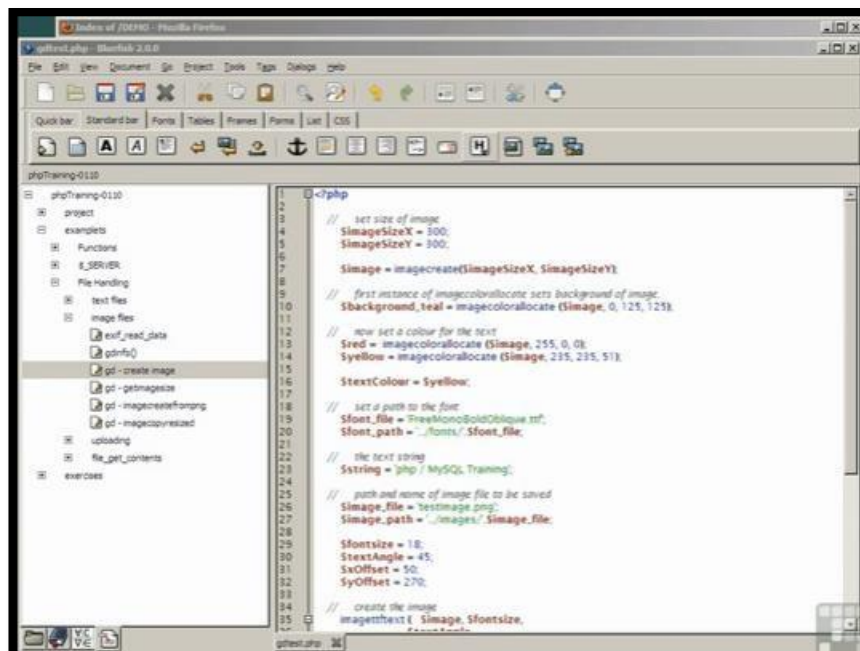
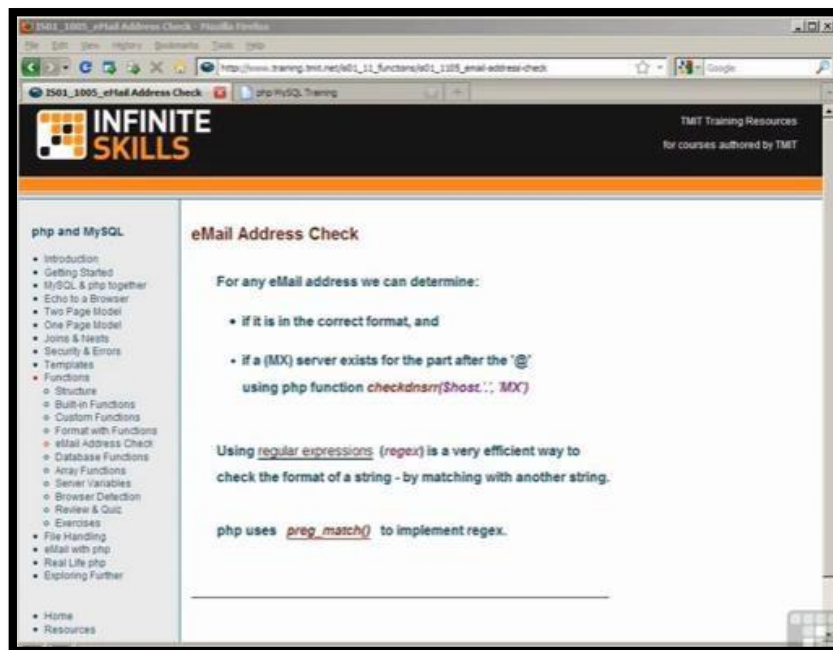
DAILY ASSESSMENT

Date:	11/06/2020	Name:	Shilpa S
Course:	MySQL	USN:	4AL14EC078
Topic:	PHP Functions Using External Files, And Images	Semester & Section:	8th - A
GitHub Repository:	Shilpa_online		

AFTERNOON SESSION DETAILS

Image of session





REPORT –

A function is a reusable piece or block of code that performs a specific action.

Functions can either return values when called or can simply perform an operation without returning any value.

PHP has over 700 functions built in that perform different tasks.

Why use Functions?

- Better code organization – functions allow us to group blocks of related code that perform a specific task together.
- Reusability – once defined, a function can be called by a number of scripts in our PHP files. This saves us time of reinventing the wheel when we want to perform some routine tasks such as connecting to the database
- Easy maintenance- updates to the system only need to be made in one place.

Built in Functions

Built in functions are functions that exist in PHP installation package.

These built in functions are what make PHP a very efficient and productive scripting language.

The built in functions can be classified into many categories. Below is the list of the categories.

String Functions

These are functions that manipulate string data.

Date Function

The date function is used to format Unix date and time to human readable format.

array_slice

(PHP 4, PHP 5, PHP 7) array_slice — Extract a slice of the array **Description**

array_slice (array \$array , int \$offset [, int \$length = **NULL** [, bool \$preserve_keys = **FALSE**]]) : array array_slice() returns the sequence of elements from the array array as specified by the offset and length parameters.

Upload and store an image in the Database with PHP

You can save your uploading images in the database table for later use e.g. display user profile or product image, create the image gallery, etc.

Creating Images Using PHP GD

The first step towards manipulation of images using PHP is loading them into memory as an image resource. This can be achieved by using different functions for different formats. All these functions have very similar names so they are easy to remember.

Create a New Image

The `imagecreatetruecolor()` function will prove helpful if you don't have an original image source that you want to manipulate. It accepts two integer parameters: a width and height. It will return an image resource if everything went as planned.

The returned image resource is basically a black image with specified width and height.

Load an Image File

If you are planning on manipulating images that are already stored somewhere, you will benefit from using functions like `imagecreatefromjpeg()`, `imagecreatefrompng()` and `imagecreatefromgif()`. These will create an image resource with all the data from the loaded image file. These functions accept a single parameter which specifies the location of the image you are loading either as a URL or as a file path.

Create an Image From a String

The GD library also allows you to create images from a string using the function in `imagecreatefromstring()` PHP. Remember that you will have to use `base64_decode()` on the given string before `imagecreatefromstring()`. The function can automatically detect if the image type is JPG, PNG, GIF, or another supported format.