1. Please use async/await for Javascript (Node.js)

async.zip

This file contains three folder. Every folder contains js files using async/await.

2. Explain how to use socket.io and why? Also, make an example for it.

Socket.IO is a library that enables real-time, bidirectional and event-based communication between the browser and the server. This means that the server can push messages to clients. Whenever an event occurs, the idea is that the server will get it and push it to the concerned connected clients.

So Socket.IO is much faster than php.

socketio.zip demonstrate socket.io communications.

3. How to remove index.php from URL in Codeigniter?

Add following code to .htaccess file

RewriteEngine on

RewriteCond %{REQUEST\_FILENAME} !-f

RewriteCond %{REQUEST\_FILENAME} !-d

RewriteRule .\* index.php/$0 [PT,L]

In config.php file, do following.

$config['index\_page'] = ""

$config['uri\_protocol'] = "REQUEST\_URI"

Enabled apache mod rewrite

sudo a2enmod rewrite

Restart Apache

sudo /etc/init.d/apache2 restart

4. What's MVC model?

MVC (Model View Controller) is software design pattern.

MVC separates an application into three components - Model, View, and Controller.

**Model**: Model represents the shape of the data. Model objects store data retrieved from the database.

**View**: View represents a user interface. View display model data to the user and also enables them to modify them.

**Controller**: The controller handles the user request. Typically, the user uses the view and raises an HTTP request, which will be handled by the controller. The controller processes the request and returns the appropriate view as a response.

5. Make a simple Codeigniter project

codeignitor.zip files demonstrate Image file upload.

codeignitor\_db.sql file was added.