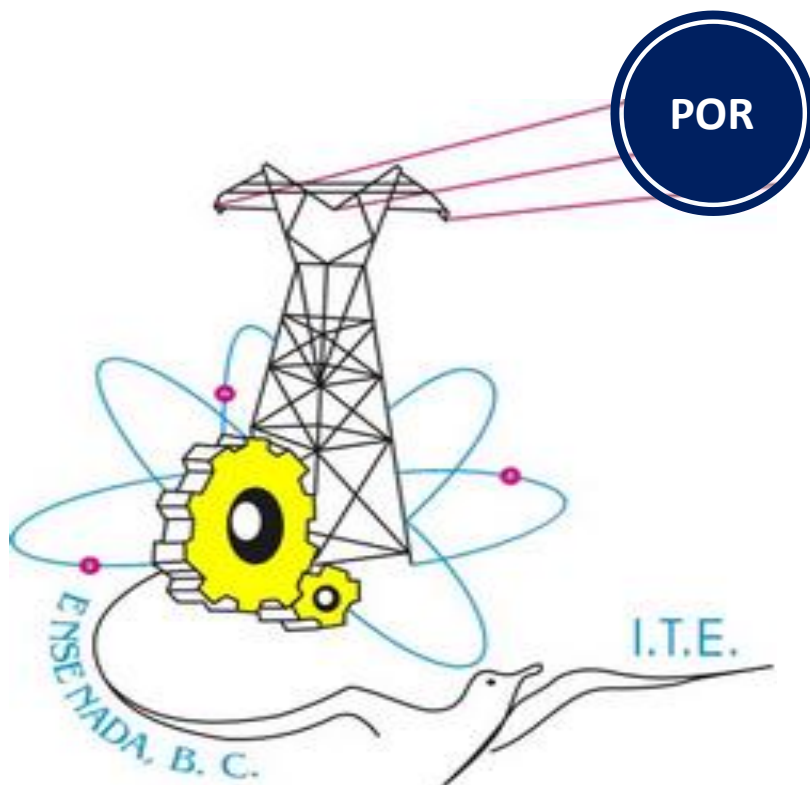


## Código



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**Grupo:** 9SA

**Carrera:** Ing. en sistemas  
Computacionales.

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```
<?php
/**
 * Step 1: Require the Slim Framework
 *
 * If you are not using Composer, you need to require the
 * Slim Framework and register its PSR-0 autoloader.
 *
 * If you are using Composer, you can skip this step.
 */

/* Librerias */
require 'Slim/Slim.php';
require 'includes/meekrodb.2.2.class.php';
require 'includes/functions.php'

\Slim\Slim::registerAutoloader();

/* Conexion a la base de datos */
DB::$user='root';
DB::$password = 'Hola.1234';
DB::$dbName = 'sisomos';
DB::$host = 'localhost';
DB::$encoding = 'utf8';
$app = new \Slim\Slim();

// GET route
$app->get(
    '/',
    function () {
        $template = <<<EOT
```



```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8"/>
    <title>Slim Framework for PHP 5</title>
    <style>
      html,body,div,span,object,iframe,
      h1,h2,h3,h4,h5,h6,p,blockquote,pre,
      abbr,address,cite,code,
      del,dfn,em,img,ins,kbd,q,samp,
      small,strong,sub,sup,var,
      b,i,
      dl,dt,dd,ol,ul,li,
      fieldset,form,label,legend,
      table,caption,tbody,tfoot,thead,tr,th,td,
      article,aside,canvas,details,figcaption,figure,
      footer,header,hgroup,menu,nav,section,summary,
      time,mark,audio,video{margin:0;padding:0;border:0;outline:0;font-
size:100%;vertical-align:baseline;background:transparent;}
      body{line-height:1;}
      article,aside,details,figcaption,figure,
      footer,header,hgroup,menu,nav,section{display:block;}
      nav ul{list-style:none;}
      blockquote,q{quotes:none;}
      blockquote:before,blockquote:after,
      q:before,q:after{content:"";content:none;}
      a{margin:0;padding:0;font-size:100%;vertical-
align:baseline;background:transparent;}
      ins{background-color:#ff9;color:#000;text-decoration:none;}
      mark{background-color:#ff9;color:#000;font-style:italic;font-
weight:bold;}
```



```

del{text-decoration:line-through;}
abbr[title],dfn[title]{border-bottom:1px dotted;cursor:help;}
table{border-collapse:collapse;border-spacing:0;}
hr{display:block;height:1px;border:0;border-top:1px solid
#cccccc;margin:1em 0;padding:0;}
input,select{vertical-align:middle;}
html{ background: #EDEDED; height: 100%; }
body{background:#FFF;margin:0 auto;min-height:100%;padding:0
30px;width:440px;color:#666;font:14px/23px Arial,Verdana,sans-serif;}
h1,h2,h3,p,ul,ol,form,section{margin:0 0 20px 0;}
h1{color:#333;font-size:20px;}
h2,h3{color:#333;font-size:14px;}
h3{margin:0;font-size:12px;font-weight:bold;}
ul,ol{list-style-position:inside;color:#999;}
ul{list-style-type:square;}
code,kbd{background:#EEE;border:1px solid #DDD;border:1px solid
#DDD;border-radius:4px;-moz-border-radius:4px;-webkit-border-radius:4px;padding:0
4px;color:#666;font-size:12px;}
pre{background:#EEE;border:1px solid #DDD;border-radius:4px;-moz-
border-radius:4px;-webkit-border-radius:4px;padding:5px 10px;color:#666;font-
size:12px;}
pre code{background:transparent;border:none;padding:0;}
a{color:#70a23e;}
header{padding: 30px 0;text-align:center;}
</style>
</head>
<body>
<header>
<a href="http://www.slimframework.com"></a>

</header>

<h1>Welcome to Slim!</h1>

<p>

Congratulations! Your Slim application is running. If this is



your first time using Slim, start with this [Hello World](http://docs.slimframework.com/#Hello-World) Tutorial

Get Started

The application code is in `index.php`

Read the [online documentation](http://docs.slimframework.com/)

Follow [@slimphp](http://www.twitter.com/slimphp) on Twitter

Slim Framework Community

Support Forum and Knowledge Base

Visit the [Slim support forum and knowledge base](http://help.slimframework.com)

to read announcements, chat with fellow Slim users, ask questions, help others, or show off your cool

Slim Framework apps.

Twitter

Follow [@slimphp](http://www.twitter.com/slimphp) on Twitter to receive the very latest news

and updates about the framework.



```
</p>
</section>
<section style="padding-bottom: 20px">
  <h2>Slim Framework Extras</h2>
  <p>
    Custom View classes for Smarty, Twig, Mustache, and other template
    frameworks are available online in a separate repository.
  </p>
  <p><a href="https://github.com/codeguy/Slim-Extras"
target="_blank">Browse the Extras Repository</a></p>
</section>
</body>
</html>
```

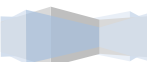
EOT;

```
    echo $template;
  }
);

// POST route
$app->post(
  '/post',
  function () {
    echo 'This is a POST route';
  }
);

// PUT route
```

```
$app->put(
  '/put',
  function () {
    echo 'This is a PUT route';
```



```
}  
);
```

```
// PATCH route
```

```
$app->patch('/patch', function () {  
    echo 'This is a PATCH route';  
});
```

```
// DELETE route
```

```
$app->delete(  
    '/delete',  
    function () {  
        echo 'This is a DELETE route';  
    }  
);
```

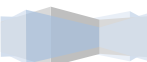
```
/******Metodo Get *****/
```

```
//Consultar tabla de Contacto
```

```
$app->get('/contacto', function() use ($app){  
    $points = DB:: query("SELECT Nombre_Persona, Correo,Mensaje FROM  
Contacto");  
    $app->response()->header('Content-Type','application/json; charset=utf-8');  
    array_walk($points, 'utf8_encode_array');  
    echo json_encode($points);  
});
```

```
//Consultar tabla de PG
```

```
$app->get('/consultapg', function() use ($app){  
    $points = DB:: query("SELECT v.NS_V, v.EO_V, v.Z_V,e.NS_E, e.EO_E,  
e.Z_E,a.NS_A, a.EO_A, a.Z_A,d.NS_D, d.EO_D, d.Z_D
```





```

FROM Velocidad AS v
INNER JOIN Espectro AS e ON e.ID_Espectros = v.ID_Velocidad
INNER JOIN Aceleracion as a ON a.ID_Aceleracion = e.ID_Espectros
INNER JOIN Desplazamiento as d ON d.ID_Desplazamiento = v.ID_Velocidad");
    $app->response()->header('Content-Type','application/json; charset=utf-8');
    array_walk($points, 'utf8_encode_array');
    echo json_encode($points);
});

```

#### //Consulta de estaciones

```

$app->get('/estaciones', function() use ($app){
    $points = DB:: query("SELECT Nombre_Estacion, Sitio, Latitud_Estacion,
Longitud_Estacion FROM Estaciones");
    $app->response()->header('Content-Type','application/json; charset=utf-8');
    array_walk($points, 'utf8_encode_array');
    echo json_encode($points);
});

```

#### //Consulta de Sismos

```

$app->get('/sismos', function() use ($app){
    $points = DB:: query("SELECT Nombre_Sismo, Fecha, Hora, Latitud_Sismo,
Longitud_Sismo FROM Sismo");
    $app->response()->header('Content-Type','application/json; charset=utf-8');
    array_walk($points, 'utf8_encode_array');
    echo json_encode($points);
});

```

#### //Consulta de Sismo con estaciones

```

$app->get('/consultasismo', function() use ($app){
    $points = DB:: query("SELECT s.Nombre_Sismo, s.Fecha, s.Hora, s.Magnitud,
e.Nombre_Estacion

```



```
FROM Sismo AS s INNER JOIN Estacion AS e ON e.ID_Estacion =
s.Estaciones");
```

```
$app->response()->header('Content-Type','application/json; charset=utf-8');
array_walk($points, 'utf8_encode_array');
echo json_encode($points);
});
```

```
/******Metodo POST*****/
```

```
//POST para INSERTAR tabla Texto
```

```
$app->post('/insertartema', function () use($db, $app) {
    $Nombre=$_POST['Nombre_Tema'];
    $Descripcion=$_POST['Descripcion'];
    $Lugar=$_POST['Lugar'];

    $insert = DB::query("INSERT INTO
Texto(Nombre_Tema,Descripcion,Lugar) VALUES('$Nombre','$Descripcion','$Lugar')");
    $app->response()->header('Content-Type','application/json; charset=utf-
8');

    echo json_encode($insert);
});
```

```
// POST para insertar tabla Contacto
```

```
$app->post('/insertarcontacto', function () use($db, $app) {
    $Nombre=$_POST['Nombre_Persona'];
    $Correo=$_POST['Correo'];
    $Mensaje=$_POST['Mensaje'];
    $insert = DB::query ("INSERTINTO Contacto
(Nombre_Persona,Correo,Mensaje) VALUES('$Nombre','$Correo','$Mensaje')");
    $app->response()->header('Content-Type','application/json; charset=utf-
8');
```



```

        echo json_encode($insert);
    });

```

// POST para insertar tabla Estaciones

```

$app->post('/insertarestaciones', function () use($db, $app) {
    $Nombre=$_POST['Nombre_Estacion'];
    $Sitio=$_POST['Sitio'];
    $Lat_Estacion=$_POST['Latitud_Estacion'];
    $Long_Estacion=$_POST['Longitud_Estacion'];
    $Elevacion=$_POST['Elevacion'];
    $Aceleracion_Estacion=$_POST['Aceleracion_Estacion'];
    $GPS=$_POST['GPS'];
    $Velocidad=$_POST['Velocidad_Estacion'];
    $Digitalizador=$_POST['Digitalizador_Estacion'];
    $Niveles=$_POST['Niveles'];

    $insert = DB::query("INSERT INTO
Estaciones(Nombre_Estacion,Sitio,Latitud_Estacion,Longitud_Estacion,
Elevacion,Aceleracion_Estacion,GPS,
Velocidad_Estacion,Digitalizador_Estacion,Niveles)
VALUES('$Nombre','$Sitio','$Lat_Estacion','$Long_Estacion','$Elevacion','$Aceleracion
_Estacion','$GPS','$Velocidad','$Digitalizador','$Niveles')");

    $app->response()->header('Content-Type','application/json; charset=utf-
8');

    echo json_encode($insert);
});

```



```
// POST para insertar tabla Velocidad
```

```
$app->post('/insertarvelocidad', function () use($db, $app) {  
    $Nortesur=$_POST['NS_V'];  
    $Esteoeste=$_POST['EO_V'];  
    $Z=$_POST['Z_V'];  
  
    $insert = DB:: query("INSERT INTO Velocidad (NS_V,EO_V,Z_V)  
VALUES('$Nortesur','$Esteoeste','$Z')");  
    $app->response()->header('Content-Type','application/json; charset=utf-  
8');  
    echo json_encode($insert);  
});
```

```
// POST para insertar tabla Espectro
```

```
$app->post('/insertarespectro', function () use($db, $app) {  
    $Nortesur=$_POST['NS_E'];  
    $Esteoeste=$_POST['EO_E'];  
    $Z=$_POST['Z_E'];  
  
    $insert = DB:: query("INSERT INTO Espectro (NS_E,EO_E,Z_E)  
VALUES('$Nortesur','$Esteoeste','$Z')");  
    $app->response()->header('Content-Type','application/json; charset=utf-  
8');  
    echo json_encode($insert);  
});
```

```
// POST para insertar tabla Aceleracion
```

```
$app->post('/insertaraceleracion', function () use($db, $app) {  
    $Nortesur=$_POST['NS_A'];  
    $Esteoeste=$_POST['EO_A'];  
    $Z=$_POST['Z_A'];
```



```
$insert = DB:: query("INSERT INTO Aceleracion (NS_A,EO_A,Z_A)
VALUES('$Nortesur','$Esteoeste','$Z')");
$app->response()->header('Content-Type','application/json; charset=utf-
8');

echo json_encode($insert);
});
```

// POST para insertar tabla Desplazamiento

```
$app->post('/insertarvelocidad', function () use($db, $app) {
    $Nortesur=$_POST['NS_D'];
    $Esteoeste=$_POST['EO_D'];
    $Z=$_POST['Z_D'];

    $insert = DB:: query("INSERT INTO Desplazamiento (NS_D,EO_D,Z_D)
VALUES('$Nortesur','$Esteoeste','$Z')");
    $app->response()->header('Content-Type','application/json; charset=utf-
8');

    echo json_encode($insert);
});

/**
 * Step 4: Run the Slim application.
 */
$app->run();
```

