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1. Create a php script that checks whether cookies are enabled. Create a php script that modifies the cookie values.

Sol:
Script to check whether cookies are enabled.

```php
<?php
 if (count ($_cookies) >0)
 {
   echo "cookies are enabled.";
 }
 else
 {
   echo "Cookies are not enabled";
 }
?>
```

Script to modify cookie values:

```php
<?php
$name = "example-cookie";
$value = "Hello, world!";
$expiration = time () + (86400 *30);
setcookie ($name, $value, $expiration , "/");
if (isset ($_cookie ($name))){
   $_cookie [$name] = "modified value";
   echo "cookie valued modified.";
```

```php
 }
 else
 {
   echo "cookie does not exist";
 }
?>
```

2) Write php script named status.php that creates a variable $state with the value "mississippi, Alabama, Massachussets, Kansas". The script should perform the following task.
a) Search for word in $state that ends in xas.
b) Search the word that begins with M and ends with J.
c) Output the array $state array to the screen.

Sol:
```php
<?php
$states = "Mississippi , Alabama, Massachusets, Kansas";
if (preg-match ('/\bxas\b/', $states, $matches)){
   echo "word ending in 'xas':" . $matches[0]. "<br>";
 }
 else {
   echo "No word found ending in "xas". <br>";
 }
//(c) Output the array $states Array to the s
The word ending in "xas".
```

```php
$ State Array = explode(",", $states);
    echo "States Array:";
    print_r ($States Array);
?>
```

3. Write php Program to create / Retrieve a Cookie with the following Condition.

Cookie named "user" with the value "John".

Cookie will expire after 30 days.

Sol:

```php
<?php
$ user value = "John";
$ expiration = time() + (86400 * 30);
SetCookie ("user", $uservalue, $expiration, "/");
if (isset ($cookie ['user']))
{
    $username = $cookie ['user'];
    echo "cookie 'user' value is :". $username;
}
else
{
    echo "cookie 'user' not set,";
}
```