Tuerday

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NT Assignment-3

UNIT-3

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3rd B.Tech CSE-C

2 Marks

1. write a PHP program to find the length of the string?

Ans
```
<html lang="en">
<body>
<?php
  $str = "Hello India";
  echo 'length of $str is -'. strlen($str);
?>
</body>
</html>
```

output:- length of $str is -12

2. which control statements are supported by PHP?

Ans
- PHP if statement
- If else statement
- Elseif in Php
- switch statement
- continue in php
- Break in php

3. what is the common use of php?

Ans common use of php are:

- php performs system functions, i.e., from files on a system it can create, open, read, write to close them
- php can handle forms, i.e, gather data from files, save data to a file, through email you can send data return data to the user

4. which is use of seassion in php?

Ans Sessions are a simple way to store data for individual users against a unique session ID. This can be used to persist state information b/w page requests. Sessions IDs are normally sent to the browser via session cookies and the ID is used to retrieve existing session data.

5. write a php program for Fibonacci series?

Ans
```php
<?php
function Fibonacci ($number) {
    if ($number == 0)
        return 0;
    else if ($number == 1)
        return 1;
    else
        return (Fibonacci($number-1) + Fibonacci
                                    ($number-2));
}
$number = 10;
for($counter = 0; $counter < $number; $counter++)
{
    echo Fibonacci ($counter),' ';
}
?>
```

output :- 0 1 1 2 3 5 8 13 21 24

10 Marks

1. Explain different types of array in php?

Ans php Arrays

An Array stores multiple values in one single variable:

```
<html>
<? php
$Fruits = array("apple", "mango", "Banana");
echo "I love". $Fruits[0]."," . $Fruits[1]."and". $Fruits[2]."." ";
?>
</body>
</html>
```

output:- I love apple, mango and Banana.

In php, there are 3 types of Arrays:

1. Indexed arrays
2. Associative arrays
3. Multidimensional arrays

1. Indexed arrays :- Arrays with numeric Index

There are two ways to create indexed arrays:

```
$Fruits = array("apple", "mango", "Banana");
```

(or)

the Index can be assigned manually:

```
$Fruits [0] = "apple";
$Fruits [1] = "mango";
$Fruits [2] = "Banana";
```

Loop Through an Indexed Array

To loop through and print all the values of an Indexed array, you could use a for loop,

```php
<html>
<? php

    $fruits = array ("apple","mango","Banana");

    $arrlength = count ($Fruits);

    for ($x = 0; $x < $arrlength; $x++)
    {
        echo $Fruits [$x];
        echo "<br>";
    }

?>
</html>
```

output:- apple
          Mango
          Banana

2. Associative Arrays :-

This arrays that use named keys that you assign to them. There are 2 ways to create;

```php
$age = array (" asri"=>"21", "chakri"=> "20", "Ben"=>"20")
                        (or)

$age ['asri'] = "21";
$age ['chakri'] = "20";
$age ['Ben'] = "20";
```

Ex:-
```
<html>
<body>
<?php
$age = array("asri"=> "21", "chalni" => "20", "Ben"=>"20)
echo "asri is". $age ['asri'] . "years old.";
?>
</body>
</html>
```

output:- asri is 21 years old.

3. multidimensional Array:-

A multidimensional Array is an array containing one or more arrays. It supports more levels deep. However, arrays more than 3 levels deep are hard to manage for most people.

Ex:- php Two-dimensional Arrays

```
<html>
<body>
<?php
$Fruits = array(
    array("apple", 22, 18),
    array("mango", 15, 13));
echo $Fruits [0][0]." : In stock!".$Fruits [0][1].", sold:
             ". $Fruits [0][2]." .<br>;
echo $Fruits [1][0]." : In stock:".$Fruits[1][1]." ,sold:
             ".$Fruits [1][2]." .<br>;
?>
</body>
</html>
```

output:-

apple : In stock : 22 , sold : 18 .

mango : In stock : 15 , sold : 13 .

These are the 3 different types of Arrays in PHP.

2. Explain cookies with Example?

Ans cookie:- A cookies is a small file that the server embeds on the user's computer. Each time the same computer requests a page with browser, it will send the cookie too. we can create & retrieve cookie values.

create cookies with php :-

A cookie is created with setcookie() function.

Syn:- setcookie (name, value, expire, path, domain,
                                    secure, httponly);

only the name parameter is required others are optional.

php create / Retrieve a cookie :-

~~<html>~~
~~<body>~~

```php
<?php
$cookie-name = "user";
$cookie_value = "kalyani";
setcookie ($cookie-name, $cookie_value, time() +
                        (86400 * 30), "/");
86400 = 1 day
?>
```

```php
<html>
<body>
<?php
if (!isset ($_COOKIE [$cookie_name]))
{ echo "cookie named " ". $cookie_name ." ' is
                              not set !";
} else {
    echo "cookie ' " . $cookie_name . " ' is set! <br>";
    echo " value is : " . $_COOKIE [$cookie_name];
}
?>
</body>
</html>
```

output:- cookie 'user' is set !
                value is : kalyani

modify a cookie value:-

```php
<?php $cookie_name = "actor_name";
    setcookie('actor_name', 'robert de niro', time(7+30));
?>
<html>
<body>
<?php
if (!isset ($_COOKIE [$cookie_name]))
{ echo "cookie named ' . $cookie_name .' is not set!"
} else {
    echo "cookie ' " . $cookie_name . " ' is set !";
    echo " actor name is : " . $_COOKIE [$cookie_name];
}
?>
```

```
</body>
</html>
```

output: 'actor_name' is set!.
        actor name is: rober de niro

Delete a cookie :-

```
<?php
    $cookie_name = 'actor_name';
    setcookie ('actor_name', 'kalyani', time()-3600);
    echo "cookie named '".$cookie_name." 'is deleted'
?>
```

output: cookie named 'actor_name' is deleted