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* Die and Exit Function:
  + - It is used to die a page.
    - We can also give a string as a argument so thar message is shown as a output.
    - Syntax:
      * + die(‘optional msg’);
        + exit(‘optional msg’);
* Expression matching:
  + - It is used to match a pattern in a particular string.
    - We are use a method named preg\_match();
      * Syntax:

Preg\_match(‘pattern’,string);

* + - Another functions are…
      * + Preg\_split()-used for split a result in array.
        + Preg\_replace()-it is used for replace a string after a match.
* Basic function:
  + - Function means a peace of code we merge to gather for multiple use.
    - It may have a parameter, no parameter or return value or no return value based of a our requirement.
    - <?php
    - /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*
    - basically there are a 4 types of functions:
    - 1.no argument no return:
    - 2.no argument with return:
    - 3:with argument no retuen:
    - 4:with argument with return:
    - \*/
    - //1.no argument no return
    - function pinfo(){
    - echo "hello";
    - }
    - pinfo();
    - //2.no argument with return
    - function pinfo1(){
    - return "hello";
    - }
    - echo "<br>This is no arg with return : ";
    - echo pinfo1();
* Functions with argument:
  + - //3.with arg. no return
    - function pinfo2($name,$age){
    - echo "<br>With arg. no return function : My name is $name and my age is $age";
    - }
    - pinfo2('jay',21);
    - //4.with arg. with return
    - function pinfo3($name,$age){
    - return "<br>With arg. with return function : My name is $name and my age is $age";
    - }
    - echo pinfo3('jay',22);
    - ?>
* Function with a return value:
  + - //2.no argument with return
    - function pinfo1(){
    - return "hello";
    - }
    - echo "<br>This is no arg with return : ";
    - echo pinfo1();
    - //4.with arg. with return
    - function pinfo3($name,$age){
    - return "<br>With arg. with return function : My name is $name and my age is $age";
    - }
    - echo pinfo3('jay',22);
    - ?>
* Global variables and function:
  + - A variable which is outside a function and we use it in a local function is known as a global for a function.
    - For use this we use global keyword to access it.
* String function-1:
  + - Functions:
      * 1.str\_word\_count(‘string’); - it count the no. of words from the string.

<?php

//for count a word.

$text = "Hello I am jay.i am a student.";

$words = str\_word\_count($text);

echo "$text contain <b>$words</b> Words.<br>";//op: Hello I am jay.i am a student. contain 8 Words.

//if you want to return a words in a array then just add a argument in function.

$words = str\_word\_count($text,1);

print\_r($words); //op: Array ( [0] => Hello [1] => I [2] => am [3] => jay [4] => i [5] => am [6] => a [7] => student )

//for associate array just cheange argument 2 as a 2. in assocative array key means a pdosition of word in that string see the ex:

$words = str\_word\_count($text,2);

echo "<br>";

print\_r($words); //op: Array ( [0] => Hello [6] => I [8] => am [11] => jay [15] => i [17] => am [20] => a [22] => student )

?>

* String function-2:
  + - * str\_shuffle(string):
        + For generating a random string.
      * substr(string,starting,ending);
        + Used for take a part of string from a main string.
      * strrev(text):
        + Used for reverce a string.
      * Example:

<?php

//this is 8 character password generator code refresh the page and get new..

$password = "ABCDEFGHIJKLMNOPQRSTUVWXYZ0123456789abcdefghijklmnopqrstuvwxyz";

$randompass = str\_shuffle($password);

$newpass = substr($randompass, 0,8);

echo $newpass;

//strrev() example.......

$text = "hello i am jay";

$rev = strrev($text);

echo "<br>$rev";

?>

* String function-3:
  + - * similar\_text() – return % of equality from passage.
      * strlen() – return a length of string.
        + Ex:

<?php

//similar\_text(arg1,arg2,arg3) - it will return a % of simmilarity between 2 strings...

//it contain 3 args. 1)str1 2)str2 3)var in which you want to store a percentage.

$str1 = "hello i am jay i am a student";

$str2 = "HELLO I AM JAY I AM A STUDENT";

similar\_text($str1,$str2,$res);

echo $res;

//strlen() used for count a length of a string.

$text = "ABCDEFGHIJKLMNOPQRSTUVWXYZ";

echo "<br>".strlen($text);

?>

* String function-4:
  + - * trim(): clean white space from starting and ending.
      * rtrim():clean white space from a right side.
      * ltrim():clean white space from left side.
      * addslashes($text):
        + ex: <?php
        + //addslashes(string) - used for add a slashes....
        + $text = 'this is a image <img src = "jay.jpg">';
        + $str = htmlentities(addslashes($text));
        + echo $str;
        + ?>s