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PROGRAM : - 1

ARRAY FUNCTION....

```php
<?php
// 1) count()
$a=array('white'=>100,'red'=>200,'green'=>300,'blue'=>400);
$result=count($a);
echo "Count number : ".$result;
echo "<hr>";

// 2) list ()
$op=array('white','red','green','blue');
list($x,$y)=$op;
echo $x.$y;
echo "<hr>";

// 3) in_array()
$er=array('white','red','green','blue');
$arr=in_array("white",$er);
echo $arr;
```

```php
echo "<br>";
if(in_array("white",$er))
{
        echo "Array element is Found";
}
else
{
        echo "Array element is not found";
}
echo "<hr>";


// 4) current()
$ty=array('white','red','green','blue');
$ke=current($ty);
echo $ke;
echo "<hr>";


// 5) next()
$yu=array('white','red','green','blue');
$ne=next($yu);
echo $ne;
echo "<hr>";


// 6) prev()
$me=prev($yu);
print_r($me);
echo "<hr>";
```

```php
// 7) end()
$re=array('white','red','green','blue');
$oe=end($re);
echo $oe;
echo "<hr>";

// 8) each()
$b=array("pratik"=>100,"kashyap"=>200,"divyesh"=>300);
print_r(each($a));
echo "<hr>";

// 9) sort()
sort($a);
print_r($a);
echo "<hr>";

// 10) rsort()
rsort($a);
print_r($a);
echo "<hr>";

// 11) asort()
asort($a);
print_r($a);
echo "<hr>";
```

```php
// 12) arsort()
arsort($b);
print_r($b);
echo "<hr>";


// 13) array_merge()
$r=array_merge($a,$b);
foreach($r as $n)
{
        echo $n."<br>";
}
echo "<hr>";


// 14) array_reverse()
$l=array("java"=>10,"php"=>20,"sad"=>30,);
$q=array_reverse($l);
print_r($q);
echo "<hr>";


// 15) array_diff()
$w=array("white"=>100,"red"=>200,"green"=>300,"blue"=>400,"orange"=>500);
$m=array_diff($w,$a);
print_r($m);
echo "<hr>";


// 16) array_merge_recursive()
```

```php
$t=array("a"=>"horse","b"=>"Dog");
$d=array("c"=>"Cow","a"=>"cat");
print_r(array_merge_recursive($t,$d));
echo "<hr>";

// 17) array_shift()
$yo=array("a"=>"Dog","b"=>"Cat","c"=>"Horse");
array_shift($yo);
print_r($yo);
echo "<hr>";

// 18) array_unshift()
$yu=array("a"=>"Dog","b"=>"Cat");
array_unshift($yu,"Tiger");
print_r($yu);
echo "<hr>";

// 19) array_push()
$vi=array(10,20);
array_push($vi,30);
print_r($vi);
echo "<hr>";

// 20) array_pop()
array_pop($vi);
print_r($vi);
echo "<hr>";
```

```php
// 21) array_slice()
$ci=array(0=>"Tiger",1=>"Lion",2=>"Beer");
print_r(array_slice($ci,1,2,true));
echo "<hr>";


// 22) array_unique()
$ni=array("a"=>"cat","b"=>"dog","c"=>"cat","d"=>"Tiger");
print_r(array_unique($ni));
echo "<hr>";


// 23) array_keys()
print_r(array_keys($yo));
echo "<hr>";


// 24) array_key_exists()
$pi=array("a"=>"cat","b"=>"dog","c"=>"Tiger");
if(array_key_exists("a",$pi))
{
	echo "Key exists!";
}
else
{
	echo "Key dose not exists!";
}
echo "<hr>";
```

```php
// 25) array_search()
$zi=array("Tiger"=>0,"Lion"=>1,"Beer"=>2);
echo array_search("1",$zi);
echo "<hr>";


// 26) array_multosort()
$a3=array("Dog","Cat");
$a4=array("Fido","Massy");
print_r($a3);
echo "<br>";
print_r($a4);
echo "<br>After sorting<br>";
array_multisort($a3,$a4);
print_r($a3);
echo "<br>";
print_r($a4);
echo "<hr>";
?>
```

PROGRAM : - 3

: - SERVER VARIABLE: -

```php
<?php
echo "Get Serever Name :".$_SERVER['SERVER_NAME'];
echo "<br>Get Serever Softwer :".$_SERVER['SERVER_SOFTWARE'];
echo "<br>Get Serever Admin :".$_SERVER['SERVER_ADMIN'];
```

```php
echo "<br>Get Serever Signature :".$_SERVER['SERVER_SIGNATURE'];

echo "<br>Get Serever Protocole :".$_SERVER['SERVER_PROTOCOL'];

echo "<br>";

echo "<br>Get Script Name :".$_SERVER['SCRIPT_NAME'];

echo "<br>Get Script Filename :".$_SERVER['SCRIPT_FILENAME'];

echo "<br>";

echo "<br>Server Request_Method :".$_SERVER['REQUEST_METHOD'];

echo "<br>Server Request_Time :".$_SERVER['REQUEST_TIME'];

echo "<br>";

echo "<br>Server Remote_Port :".$_SERVER['REMOTE_PORT'];

echo "<br>";

echo "<br>HTTP_host :".$_SERVER['HTTP_HOST'];

echo "<br>HTTP_Accept :".$_SERVER['HTTP_ACCEPT'];

echo "<br>HTTP_User_Agent :".$_SERVER['HTTP_USER_AGENT'];

?>
```

PROGRAM : - 4

:- signup.php File :-

```html
<html>
<body style ="background-image: url('bg.jpg'); background-repeat: no-repeat;
  background-attachment: fixed;
  background-size: 100% 100%;">
<form method='post'>
```

```html
<hr>
<center><h1>Signup</h1>
<hr>
<label for="username"><b>User name:</b></label> 
<input type="text" name="unm"><br><br>
<label for="password"><b>Password:</b></label> 
<input type="password" name="psw"><br><br>
<label for="password"><b>Confirm Password:</b></label> 
<input type="password" name="cpsw"><br><br>
<input type="submit" value='Signup Now' name="S1"></center>
</form>
</body>
</html>
```
```php
<?php
if(isset($_POST['S1']))
{
  if($_POST['psw'] == $_POST['cpsw'])
  {
    session_start();
    if(preg_match("/^[A-Z][a-z A-Z]{4,20}$/",$_POST['unm']))
    {
      if(preg_match('/^[A-Za-z]{5}(@|#|_|\.|&)[0-9]{2}$/',$_POST['psw']))
      {
        $_SESSION['u']=$_POST['unm'];
        $_SESSION['p']=$_POST['psw'];
        header("location:login.php");
      }
    }
```

```php
    else

    {

    echo "<br><br><font size=4 color='red'>In Password Must Include
<br> At least Length of 8 !!! <br> at least 5 Alphabet !!!<br>

    1 special symbol !!!<br> must end with 2 digit !!!</font>";

    }

  }

  else

  {

    echo "<br><br><font size=4 color='red'>In User Name Must Include
<br>At least 5 Character !!!<br>First Character Must Be Capital !!!
</font>";

  }

 }

  else

  { echo"<center><font size=4 color='red'><br>Password not
Matched.</font></center>";

  }

}
?>
```

: - Login.php:-

```html
<html>

<body style ="background-image: url('loginbg.jpg'); background-repeat:
no-repeat;

  background-attachment: fixed;

  background-size: 100% 100%;">

<form method='post'>
```

```html
  <hr>
  <center><h1> Login</h1>
  <hr>
  <b><label for="username">User name:</label> </b>
  <input type="text" name="unm"><br><br>
  <b><label for="password">Password:</label> </b>
  <input type="password" name="pwd"><br><br>
  <input type="submit" value='Login' name="S1"><br><br>
  <a>New User??</a><br><br>
  <form method="post" align="center">
<input type="submit" name="Sbm" value="Signup">
</form>


  </center>
</form>
</body>
</html>
```

```php
<?php
//setcookie('user','atmiya',time()+3600);
//setcookie('pass','atmiya',time()+3600);
if(isset ($_POST['S1']))
{
        session_start();
        if($_SESSION['u']==$_POST['unm'] and
$_SESSION['p']==$_POST['pwd'])
```

```php
        {
                header("location:demo form.php");
        }
        else
        {
                echo "Invalid password";
        }
}
if(isset($_POST['Sig']))
{
        header("location:signup.php");
}
?>
```

: - Register.php File:-

```html
<html>
<center>
<body style ="background-image: url('A.png'); background-repeat: no-repeat;
                background-attachment: fixed;
                background-size: 100% 100%;">
  <form method='post' action="Homepage_1.php" enctype="multipart/form-data">
  <hr>
  <center><h1>Register<h1></center>
```

```html
<hr>
    <b> <label>First Name:</label></b>
        <input type="text" name="fnm" maxlength='20'><br><br>
    <b> <label>Last Name:</label></b>
        <input type="text" name="lnm" maxlength='20'><br><br>
    <b><label>Contact No.</label></b>
        <input type="text" name="no" maxlength='10'><br><br>
    <b><label>Birthdate:</label></b>
        <input type='date' name="bd"><br><br>
    <b><label>Email :</label></b>
        <input type='email' name="em"><br><br>
    <b><label> Gender: </label></b>
        Male <input type='radio' name='gender' value='Male'><a></a>
        Female <input type='radio' name='gender' value='Female'><br><br>
    <b><label>City:</label></b>
        <select name="City" value='ct'>
            <option value="Rajkot" selected>Rajkot</option>
            <option value="Junagadh" selected>Junagadh</option>
            <option value="Surat">Surat</option>
            <option value="Ahmedabad">Ahmedabad</option>
            <option value="Jamnagar">Jamnagar</option>
        </select><br><br>
    <b><label>Interested Area: </label></b><br>
        <label>Data Analytics</label>
            <input type="checkbox" name="Data Analytics" value="da"><br>
```

```html
        <label>Cloud Computing</label>
            <input type="checkbox" name="Cloud Computing"
value="cc"><br>
            <label>AI Machine Learning</label>
            <input type="checkbox" name="AI Machine Learning"
value="ai"><br><br>
    <b><label>Interested Area: </label><br></b>
            <select name="Work" value='wr' multiple>
                    <option value="Seminar">Seminar</option>
                    <option value="Workshop">Workshop</option>
                    <option
value="Papersubmission">Papersubmission</option>
            </select><br><br>
    <b><label>Upload File: </label>
    <input type="file" name="f">
    <hr>
  <input type="submit" value='Register'name="S1">  
  <input type="reset" value='Reset'>

</form>
</center>
</body>
</html>
<?php
/*
if(isset($_POST['S1']))
{
 session_start();
```

```php
   move_uploaded_file($_FILES['file']['tmp_name'],'Uploads
Files/'.$_FILES['file']['name']);

 header('location:Homepage_1.php');

}*/
?>
```

: - Homepage.php:-

```html
<!-- Wellcome page -->

<html>

<body style="background-image:url(bg4.png); background-repeat:no-
repeat;background-size:100% 100%;background-attachment:fixed">>

<center><br><br><br><br><br>

<h1><br><font color='black' > Your Response Is Recorded.</h1></font>

<h2><br><font color='blue' > If you want to logout.</h2></font>

<form method="POST">

      <input type="submit" value="Logout" name="lg">

</form>

</center>

</body>

</html>


<?php

echo "<center>";
```

```php
session_start();

move_uploaded_file($_FILES['f']['tmp_name'],'File_Move/'.$_FILES['f']['name']);

echo "<b><font size='4' color='white'>First Name :".$_POST['fnm'];

echo "<br><font size='4' color='white'>Last Name :".$_POST['lnm'];

echo "<br><font size='4' color='white'>Contect No. :".$_POST['no'];

echo "<br><font size='4' color='white'>Birth Date :".$_POST['bd'];

echo "<br><font size='4' color='white'>EMAIL ID :".$_POST['em'];

echo "<br><font size='4' color='white'>Gender:".$_POST['gender'];

echo "<br><font size='4' color='white'>City : ".$_POST['City'];

if(isset($_POST['c1']))
{
        echo "<br><font size='4' color='white'>Interested Area :".$_POST['Data Analytics'];
}
if(isset($_POST['c2']))
{
```

```php
        echo "<br><font size='4' color='white'>Interested
Area:".$_POST['Cloud Computing'];
}
if(isset($_POST['c3']))
{
        echo "<br><font size='4' color='white'>Interested
Area:".$_POST['AI Machine Learning'];
}
if(isset($_POST['e1']))
{
      $a=$_POST['e1'];
      foreach($a as $b)
      {
            if($b=='System Analysis')
            {
                  echo "<br>Intrested Event : System Analysis";
            }
            if($b=='Softwere Engineer')
            {
                  echo "<br>Intrested Event : Softwere Engineer";

            }
            if($b=='Web Developer')
            {
                  echo "<br>Intrested Event : Web Developer";
            }
      }
}
```

```php
//echo "<br><font size='4' color='red'>InterstedEvent=".$_POST['e1'];
if(isset($_POST['lg']))
{
            session_destroy();
            header('location:Login_1.php');
}



echo "</center>";
?>
```