

## Practice Assignment - 2

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ROLL No. :- 48

DIVISION :- E2

### 1. UDF Function – 3 types

#### \*PROGRAM :-

```
<?php
echo "<h1><center>UDF Funnnction</center></h1><hr><hr>";
echo "With Arguments<br><br>";
    function add($a,$b)
    {
        $c=$a+$b;
        echo "Addition is ".$c."<br><br><hr><hr>";
    }
    add(30,1);

echo "With Returns<br><br>";
    function sub($a,$b)
    {
        $c=$a-$b;
        return $c;
    }
    $answer=sub(30,1);
    echo "Subtraction is ".$answer."<br><br><hr><hr>";
echo "Default Arguments<br><br>";
    function mul($x,$y=3)
    {
        $c=$x*$y;
        echo "Multiplication is ".$c."<br><br><hr><hr>";
    }
    mul(30,);
echo "Combine UDF<br><br>";
    function div($x,$y=2)
    {
        $z=$x/$y;
        return $z;
    }
```

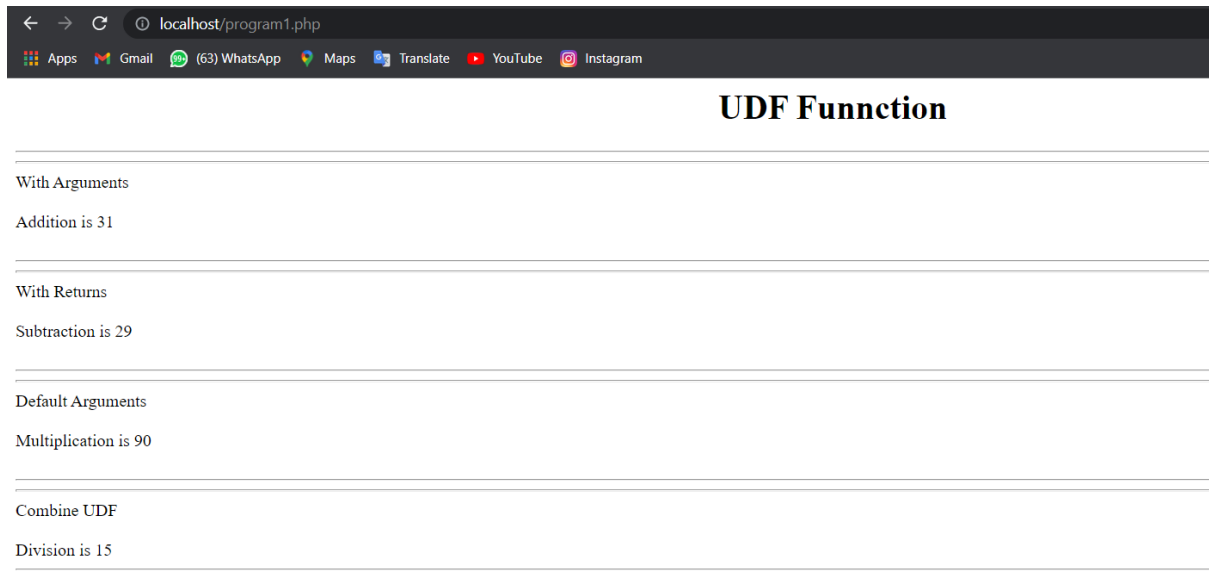
```

$answer=div(30,);
echo "Division is ".$answer."<hr><hr>";

?>

```

- **OUTPUT :-**



## **2 LOGIN Form – 2ways - Using \$ get & \$ post**

### **\* PROGRAM :**

#### **1 - Program using \$ get :-**

```

<?php
    echo "<center>
    <form method='GET'>
    <table border='5px' heighth='50%' width='50%' height='50%' align='center'><tr><td>
    <table heighth='50%' width='100%' align='center'>
    <center><strong>LOGIN PAGE</strong></center><br>
    <tr>
        <th>User Name : </th>
        <th><input type='text' name='unm'></th>
    </tr>
    <tr>

```

```

        <th>Password : </th>
        <th><input type='password' name='pswd'></th>
    </tr>
    <tr>
        <th>
            <th><align='center'><input type='submit' name='s'>
        </th>
    </table>
</table>
</center>";
if(isset($_GET['s']))
{
    $a=$_GET['unm'];
    $b=$_GET['pswd'];
    echo "User Name : ".$a."<br>";
    echo "Password : ".$b;
}
?>

```

- **OUTPUT:-**

---

LOGIN PAGE

User Name :

Password :

User Name : der

Password : 123

## 2 - Program using \$ \_post :-

```

<?php
    echo "<center>
    <form method='POST'>
        <table border='5px' heigth='50%' width='50%' height='50%'
align='center'><tr><td>
            <table heith='50%' width='100%' align='center'>

```

```

<center><strong>LOGIN PAGE</strong></center><br>
<tr>
    <th>User Name : </th>
    <th><input type='text' name='unm'></th>
</tr>
<tr>
    <th>Password : </th>
    <th><input type='password' name='pswd'></th>
</tr>
<tr>
    <th>
<th><align='center'><input type='submit' name='s'>
</table>
</table>
</center>";
if(isset($_GET['s']))
{
    $a=$_POST['unm'];
    $b=$_POST['pswd'];
    echo "User Name : ".$a."<br>";
    echo "Password : ".$b;
}
?>

```

- **OUTPUT :-**

---

LOGIN PAGE

User Name :

Password :

User Name : dcr  
Password : 123

### 3) ARRAY – 4 Types Of Array – Using Check Box :-

#### \* Program :-

```
<?php
    echo "<h2><center>ARRAY TYEPS</center></h2>";
    echo "<form method='POST'>
        <b>AUTOMATIC Array :<input type='checkbox' name='z1'
value='a'><br>
        MANUALLY Array :<input type='checkbox' name='z2'
value='m'><br>
        ASSOCIATIVE Array :<input type='checkbox' name='z3'
value='as'><br>
        TWO - Dimentional Array :<input type='checkbox' name='z4'
value='mu'><br><br>
        <input type='submit' name='save' value='SUBMIT'></b>
    </form>";
    if(isset ($_POST['save']))
    {
        $x=isset($_POST['z1']);
```

```

    $x1=isset($_POST['z2']);
    $x2=isset($_POST['z3']);
    $x3=isset($_POST['z4']);
    if($x=='a')
    {
        echo "You Selected <b>AUTOMATIC Array .....
</b><br>";

        echo "<br>";

        $y=array(100,200,300,400,500,600,700,800,900,1000);
        for($i=0 ; $i<=2 ;$i++)
        {
            echo $y[$i]." ";
        }
        echo "<hr>";
    }
    if($x1=='m')
    {
        echo "<hr>";
        echo "You Selected <b>MANUALLY Array ..... </b><br>";
        echo "<br>";
        $y=array(100=>'PHP',200=>'JAVA',300=>'SAD');
        foreach ($y as $z)
        {
            echo $z." ";
        }
    }

```

```

        echo "<hr>";
    }
    if($x2=='as')
    {
        echo "<hr>";
        echo "You Selected <b>ASSOCIATIVE Array ..... </b> <br>";
        $y=array('PHP'=>100,'JAVA'=>200,'SAD'=>300);
        foreach ($y as $z=>$c)
        {
            echo "<br>".$z." SUBJECT Marks :- ".$c;
        }
        echo "<hr>";
    }
    if($x3=='mu')
    {
        echo "<hr>";
        echo "You Selected <b>MULTI-Dimentional
Array.....</b><br>";

        $marks=array('Pratik'=>array('PHP'=>90,'JAVA'=>95,'SAD'=>87),
        'Kashyap'=>array('PHP'=>95,'JAVA'=>90,'SAD'=>78));
        foreach($marks as $k1=>$v1)
        {
            echo "<br>".$k1."<br>";
            foreach($v1 as $k2=>$v2)

```

```

    {
        echo $k2."MARKS = ".$v2."<br>";
    }
}
echo "<hr>";
}
}
?>

```

- OUTPUT :-

localhost/program%203.php

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ARRAY TYPEPS

AUTOMATIC Array : ☐  
MANUALLY Array : ☐  
ASSOCIATIVE Array : ☐  
TWO - Dimentional Array : ☐

SUBMIT

You Selected AUTOMATIC Array .....

100 200 300

You Selected MANUALLY Array .....

PHP JAVA SAD

You Selected ASSOCIATIVE Array .....

PHP SUBJECT Marks :- 100  
JAVA SUBJECT Marks :- 200  
SAD SUBJECT Marks :- 300

You Selected MULTI-Dimentional Array.....

Pratik  
PHPMARKS = 90  
JAVAMARKS = 95  
SADMarks = 87

Kashyap  
PHPMARKS = 95  
JAVAMARKS = 90  
SADMarks = 78



#### 4) STRING Function – Using Radio Button

##### \*Program :-

```
<?php

    echo "<h2><center>STRING FUNCTION</center></h2>";
    echo "<form method='POST'><b>
1.CHR : <input type='radio' name='d1' value='a'><br>
2.ORD : <input type='radio' name='d1' value='b'><br>
3.STRTOLOWER : <input type='radio' name='d1'
value='c'><br>
4.STRToupper : <input type='radio' name='d1'
value='d'><br>
5.STRREV : <input type='radio' name='d1' value='e'><br>
6.STRLEN : <input type='radio' name='d1' value='f'><br>
7.LTRIM : <input type='radio' name='d1' value='g'><br>
8.RTRIM : <input type='radio' name='d1' value='h'><br>
9.TRIM : <input type='radio' name='d1' value='i'><br>
10.SUBSTR : <input type='radio' name='d1'
value='j'><br></b>";
    echo "<br><input type='submit' name='save'></form>";
    if(isset($_POST['save']))
    {
        if(isset($_POST['d1']))
        {
            if(($_POST['d1'])=='a')
            {
                echo chr(101);
```

```
}  
elseif(($_POST['d1'])=='b')  
{  
    echo ord("D");  
}  
elseif(($_POST['d1'])=='c')  
{  
    echo strtolower("DEVAL RADADIYA");  
}  
elseif(($_POST['d1'])=='d')  
{  
    echo strtoupper("deval radadiya");  
}  
elseif(($_POST['d1'])=='e')  
{  
    echo strrev("ATMIYA");  
}  
elseif(($_POST['d1'])=='f')  
{  
    echo strlen("deval radadiya");  
}  
elseif(($_POST['d1'])=='g')  
{  
    echo ltrim(" PRATIK CHUDASMA");  
}
```

```
elseif(($_POST['d1'])=='h')
{
    echo rtrim("KASHYAP DUDHAGRA ");
}
elseif(($_POST['d1'])=='i')
{
    echo trim(" DEVAL RADADIYA ");
}
elseif(($_POST['d1'])=='j')
{
    echo substr("DEVAL RADADIYA",3);
}
else
{
    echo " ";
}
}
```

?>

**\*OUTPUT :-**

## STRING FUNCTION

- 1.CHR : ☐
- 2.ORD : ☐
- 3.STRTOLOWER : ☐
- 4.STRToupper : ☐
- 5.STRREV : ☐
- 6.STRLEN : ☐
- 7.LTRIM : ☐
- 8.RTRIM : ☐
- 9.TRIM : ☐
- 10.SUBSTR : ☐

AYIMTA

### 5) MATH Function :-

#### \*Program :-

```
<?php

echo "<center><h1>ANSWER<br><br>";

if(isset($_POST['save']))
{
    if(!empty($_POST['Math']))
    {
        $x=$_POST['Math'];
        switch($x)
        {
            case 1:
                echo "<br>abs(-10) = ".abs(10);
                break;
            case 2:
                echo "<br>ceil(10.5)=" .ceil(10.5);
```

```
break;
```

```
case 3:
```

```
echo "<br>floor(10.7)=".floor(10.7);
```

```
break;
```

```
case 4:
```

```
echo "<br>fmod(10,5)=".fmod(10,7);
```

```
break;
```

```
case 5:
```

```
echo "<br>min(10,9,8,7,-4-7-9-  
2,6)".min(10,9,8,7,-4-7-9-2,6);
```

```
break;
```

```
case 6:
```

```
echo "<br>max(10,9,8,7,-4-7-9-  
2,6)".max(10,9,8,7,-4-7-9-2,6);
```

```
break;
```

```
case 7:
```

```
echo "<br>pow(10,2)=".pow(10,2);
```

```
break;
```

```
case 8:
```

```
echo "<br>sqrt(1000)=".sqrt(1000);
```

```
break;
```

```
case 9:
```

```
echo "<br>rand(15,20)=".rand(15,20);
```

```
break;
```

```
case 10;
```

```
echo "<br>round(677.62)=".round(677.62);
```

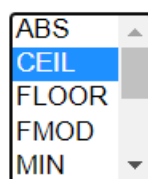
```
                break;
            default:
                echo "Invalid Choice..!! Please Try
Again..!!";
        }
    }
    else
    {
        echo "Please Select";
    }
    echo "<h1></center>";
}

?>
```

**\*OUTPUT :-**

,

## Math Function



Submit

# ANSWER

**ceil(10.5)=11**

## **6) DATE Function:-**

### **\*Program :-**

```
<?php
    echo "<center>";
    echo "<form method='post'>
        <b><font size='5' color='blue'>Date
            Function :</font></b><br><br>
            <select name='d_fun'>
                <option value='a'>GetDate Function</option>
                <option value='b'>Check Date Function</option>
                <option value='c'>Date Create Function</option>
                <option value='d'>Time Function</option>
                <option value='e'>Local Time Function</option>
            </select>
            <br><br>
            <input type='submit' name='s' value='Submit'>
        </form>";
    if(isset($_POST['s']))
```

```

{
    if(isset($_POST['d_fun']))
    $ch=$_POST['d_fun'];
    switch ($ch)
    {
        case 'a':
            echo "<b>Date Function :-
</b><br><br>";

            $a=getdate();
            print_r($a);
            break;
        case 'b':
            echo "<b>Check Date Function :-
</b><br><br>";

            if(checkdate(8, 15, 22))
            {
                echo "You Enter Valid
Date(8/15/2022)";
            }
            else
            {
                echo "You enter Invalid Date
!!!";
            }
            break;
        case 'c':

```



</b><br><br>;

</b><br><br>;

".date("d/F/Y H:i:s",\$t);

</b><br><br>;

echo "<b>Date Create Function :-

\$date=date\_create("2017-11-12");

echo date\_format(\$date,"d/F/Y");

break;

case 'd':

echo "<b>Time Function :-

\$t=time();

echo "Show Current Date And Time :

break;

case 'e':

echo "<b>Local Time Function :-

\$t=localtime(time(),true);

foreach (\$t as \$key=>\$val)

{

echo "\$key => \$val <br>;

}

break;

default:

echo "Invalid !!!";

}

}

else

```
{  
    echo "Please Select....!!";  
}  
echo "</center>";  
?>
```

**\*OUTPUT:-**

---

### **Date Function :**

GetDate Function ▼

Submit

### **Time Function :-**

Show Current Date And Time : 22/January/2022 10:03:52

## **8) MISCELLANEOUS FUNCTION :-**

### **\*Program :-**

```
<?php

    echo "<h2><center>MISCELL FUNCTION</center></h2>";

    //Define and Constant Function

    echo "<b>Define and Constant Functions...</b><br>";

    define('color','blue');

    echo "<br>Color is ".constant('color')."<br><br><br>";

    //Include and Required Function Function

    echo "<b>include and Require Function....</b><br>";

    for($i=1;$i<=10;$i++)
    {

        echo "$i<br>";

        if($i=='5')
        {

            include('miscell_function.php');

        }

    }

    // Header Function.....

    echo "<b><br><br><br>Header Function.....</b><br>";

    echo "<br>Here Control Of script is move to New Page With

        The Help Of <b>Header()</b><br><br>";

    echo "<form method='POST'> <input type='submit'

        name='save' value='Move to New Page'></form>";

    if(isset($_POST['save']))
```

```

{
    header('location:miscell_function.php');
}

?>

```

## ➔ MISCELL Function :-

```

<?php
    //Die or exit Functions....
    echo "<br><br><b>Die or exit Functions... </b><br><br>";
    for($i=1;$i<=10;$i++)
    {
        echo "$i<br>";
        if($i=='5')
        {
            exit("Loop Is Terminate By exit() ...");
            echo "<br><br>";
        }
    }

?>

```

## \*OUTPUT :-

---

### MISCELL FUNCTION

#### Define and Constant Functions...

Color is blue

#### include and Require Function....

```

1
2
3
4
5

```

#### Die or exit Functions...

```

1
2
3
4
5
Loop Is Terminate By exit() ...

```

## **9) VARIABLE LENGH ARGUMENT FUNCTION – IF—ESLEIF :-**

### **\*Program :-**

```
<?php
    echo "<center><h2><b>";
    function abc()
    {
        $a=func_num_args();
        $b=func_get_args();
        foreach($b as $n)
        {
            echo $n."<br>";
        }
    }
    abc(100,200,300,'xyz',12.56,true);
    echo "</b></h2></center>";
?>
```

### **\*OUTPUT:-**

---

**100**  
**200**  
**300**  
**xyz**  
**12.56**  
**1**