Practical Assignment-1

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1. UDF FUNCTION - 3 TYPES

❖ **PROGRAM :**

```php
<?php
    echo "<h1><center>UDF FUNCTION</center></h1><hr><hr>";
    echo "WITH ARGUMENTS<br><br>";
        function add($x,$y)
        {
            $c=$x+$y;
            echo "Addition = ".$c."<br><hr><hr>";
        }
        add(14,5);

    echo "WITH RETURN<br><br>";
        function mul($x,$y,$z)
        {
            $c=$x*$y*$z;
            return $c;
        }
        $ans=mul(15,5,10);
            echo "Multiplication = ".$ans."<br><hr><hr>";

    echo "DEFAULT ARGUMENTS<br><br>";
        function div($x,$y=2)
        {
            $c=$x/$y;
            echo "Division = ".$c."<br><hr><hr>";
        }
        div(100, );
```
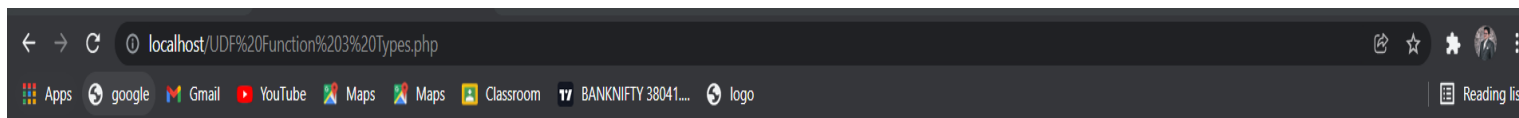
```php
echo "COMBINE UDF<br><br>";
        function sub($x,$y=20)
        {
                $z=$x-$y;
                return $z;
        }
        $ans=sub(5, );
        echo "Subtraction = ".$ans."<hr><hr>";
?>
```

❖ **OUTPUT :**

UDF FUNCTION

WITH ARGUMENTS

Addition = 19

WITH RETURN

Multiplication = 750

DEFAULT ARGUMENTS

Division = 50

COMBINE UDF

Subtraction = -15

---

2. LOGIN FORM – 2 WAYS - USING $_GET & $_POST

❖ **PROGRAM USING $_GET :**

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

```
<center><strong>LOGIN PAGE</Strong></center>
<tr>
        <th>USER NAME :</th>
        <th><input type ='text' name='unm' ></th>
</tr>
<tr>
        <th>PASSWORD :</th>
        <th><input type ='password' name='psw' ></th>
```

```php
                </tr>
                <tr>
                        <th align='center'><input type ='submit' name='s' ></th>
                </tr>
                </table>
                </tr>
                </td>
                </table>
                </center>";

        if(isset ($_GET['s']))
        {
                $a=$_GET['unm'];
                $b=$_GET['psw'];
                echo "USER NAME :".$a;
                echo "<br>";
                echo "Password :".$b;
        }
    ?>
```
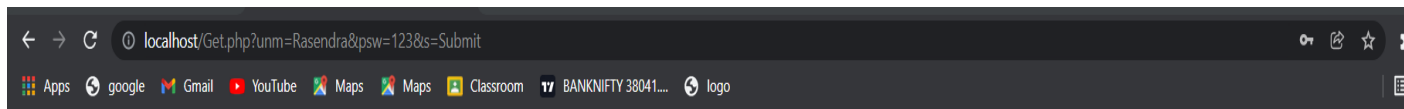
❖ **OUTPUT :**


```
localhost/Get.php?unm=Rasendra&psw=123&s=Submit
Apps    google    Gmail    YouTube    Maps    Maps    Classroom    BANKNIFTY 38041....    logo

                              LOGIN PAGE

USER NAME :          [            ]        PASSWORD :          [            ]


              Submit
```

USER NAME :Rasendra
Password :123

❖ **USING $_POST :**

```php
    <?php
            echo "<center>
```

```html
<form method ='POST' >
<table border='5px' height='50%' width='50%' align='center'>
<tr>
<td>
<table height='50%' width='100%' align='center'>
<center><strong>LOGIN PAGE</Strong></center>
<tr>
        <th>USER NAME :</th>
        <th><input type ='text' name='unm' ></th>
</tr>
<tr>
        <th>PASSWORD :</th>
        <th><input type ='password' name='psw' ></th>
</tr>
<tr>
        <th align='center'><input type ='submit' name='s' ></th>
</tr>
```
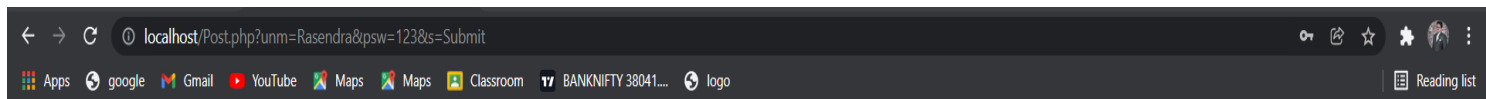
```php
        </table>
        </tr>
        </td>
        </table>
        </center>";

        if(isset ($_POST['s']))
        {
            $a=$_POST['unm'];
            $b=$_POST['psw'];
            echo "USER NAME :".$a;
            echo "<br>";
            echo "Password :".$b;
        }
    ?>
```

❖ **OUTPUT :**

USER NAME :Rasendra
Password :1234

3. ARRAY -4 TYPES OF ARRAY -- USING CHECK BOX

❖ **PROGRAM :**

```php
<?php
    echo "<h2><center>ARRAY TYEPS</center></h2>";
    echo "<form method='POST'>
    <b>AUTOMATIC Array :<input type='checkbox' name='z1' value='a'>
    MANUALLY Array :<input type='checkbox' name='z2' value='m'>
    ASSOCIATIVE Array :<input type='checkbox' name='z3' value='as'>
    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."  ";
```

```php
            }
            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>";
            $marks=array('Priyank'=>array('php'=>90,'java'=>95,'sad'=>87),
                    'Kenil'=>array('php'=>95,'java'=>90,'sad'=>78));
            foreach($marks as $k1=>$v1)
            {
                echo "<br>".$k1."<br>";
                foreach($v1 as $k2=>$v2)
                {
                    echo $k2."MARKS = ".$v2."<br>";
                }
            }
            echo "<hr>";
        }
    }
    ?>
```

❖ **OUTPUT :**

ARRAY TYEPS

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**
Rasendra
phpMARKS = 90
javaMARKS = 95
sadMARKS = 87

Ayyan
phpMARKS = 95
javaMARKS = 90
sadMARKS = 78

4. STRING—ANY 5 FUNCTION-- USING RADIO BUTTON

❖ **PROGRAM :**
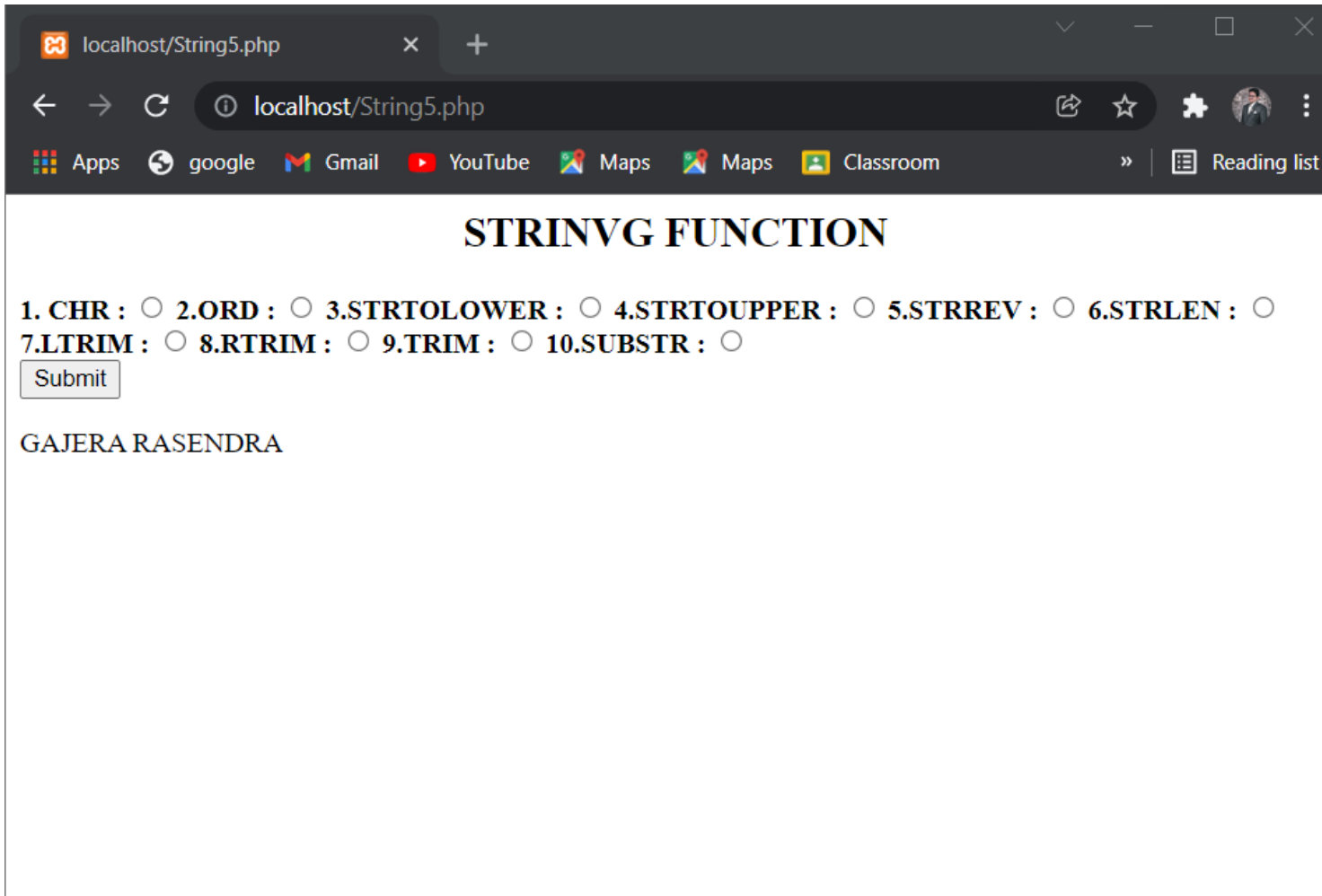
```php
<?php
    echo "<h2><center>STRINVG FUNCTION</center></h2>";
    echo "<form method='POST'><b>
    1.CHR : <input type='radio' name='k1' value='a'>
    2.ORD : <input type='radio' name='k1' value='b' >
    3.STRTOLOWER : <input type='radio' name='k1' value='c' >
    4.STRTOUPPER : <input type='radio' name='k1' value='d' >
    5.STRREV : <input type='radio' name='k1' value='e' >
    6.STRLEN : <input type='radio' name='k1' value='f' >
    7.LTRIM : <input type='radio' name='k1' value='g' >
    8.RTRIM : <input type='radio' name='k1' value='h' >
    9.TRIM : <input type='radio' name='k1' value='i' >
    10.SUBSTR : <input type='radio' name='k1' value='j' ></b>";
    echo "<br><input type='submit' name='save'></form>";
if(isset($_POST['save']))
{
    if(isset($_POST['k1']))
    {
        if(($_POST['k1'])=='a')
        {
            echo chr(101);
        }
```

```php
elseif(($_POST['k1'])=='b')
{
    echo ord("K");
}
elseif(($_POST['k1'])=='c')
{
    echo strtolower("KENIL VASTARPARA");
}
elseif(($_POST['k1'])=='d')
{
    echo strtoupper("kenil vastarpara");
}
elseif(($_POST['k1'])=='e')
{
    echo strrev("ATMIYA");
}
elseif(($_POST['k1'])=='f')
{
    echo strlen("kenil vastarpara");
}
elseif(($_POST['k1'])=='g')
{
    echo ltrim("     JADEJA KARMARAJ");
}
elseif(($_POST['k1'])=='h')
{
    echo rtrim("PRIYANK PADSALA      ");
}
elseif(($_POST['k1'])=='i')
{
    echo trim("    YASH MODHVADIYA       ");
}
elseif(($_POST['k1'])=='j')
{
    echo substr("KENIL VASTARPARA",5);
}
else
{
    echo " ";
}
```

```php
        }
    }
?>
```

❖ **OUTPUT :**

MATHS—ANY 5 –FUNCTION --VALUE- RUN TIME – SELECTION BOX(MULTIPLE SELECTION)

❖ **PROGRAM :**

```php
<?php
echo "<center>
<form action='switch.php' method='POST'>
<b><h1>Math Function</h1></b><h3>
<b><select name='Math' multiple size='5'>
<option value='1'>ABS</option>
<option value='2'>CEIL</option>
```

```php
                    <option value='3'>FLOOR</option>

                    <option value='4'>FMOD</option>

                    <option value='5'>MIN</option>

                    <option value='6'>MAX</option>

                    <option value='7'>POW</option>

                    <option value='8'>SQRT</option>

                    <option value='9'>RAND</option>

                    <option value='10'>ROUND</option>

            </select><br><br>

            <input type='submit' name='save' value='SUBMIT' style='height: 5%;
            width:10%';>

</form>

</center>";

?>
```

- **ACTION FILE :**

```php
    <?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(-12)=".abs(-12);
                    break;
              case 2 :
                    echo"<br> ceil(12.5)=".ceil(12.5);
                    break;
              case 3 :
                    echo"<br> floor(12.45)=".abs(12.45);
                    break;
```

```php
        case 4 :
            echo"<br> fmod(12,5)=".abs(12,5);
            break;
        case 5 :
            echo"<br> min(12,-12,100,25.46)=".min(12,-12,100,25.46);
            break;
        case 6 :
            echo"<br> max(12,-12,100,25.46)=".max(12,-12,100,25.46);
            break;
        case 7 :
            echo"<br> pow(12.45)=".pow(10,3);
            break;
        case 8 :
            echo"<br> sqrt(100)=".sqrt(100);
            break;
        case 9 :
            echo"<br> rand()=".rand();
            echo"<br> rand(10,20)=".rand(10,20);
            break;
        case 10 :
            echo"<br> round(85.33)=".round(85.33);
            break;
        default :
            echo "Invalid Value!! Please Try Again";
    }
    }
    else
    {
    echo "Please Select";
    }
    echo "<h1></center>";
    }
?>
```
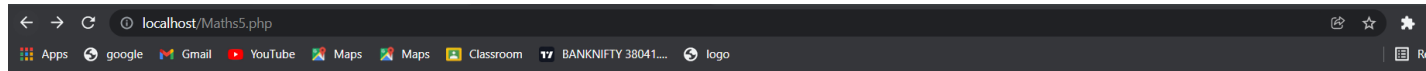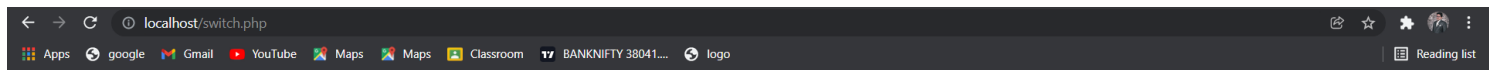
❖ **OUTPUT :**

6. DATE-- ANY 5 FUNCTION -- SELECTION BOX(SINGLESELECTION)

❖ **PROGRAM :**

```php
<?php
    echo "<center>";
    echo "<form method='post'>
            <b><font size='5' color='blue'>Date

            Function :</font></b><br><br>
```

```php
        <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)";

                }
```

```php
            else
            {
                echo "You enter Invalid Date !!!";
            }
            break;


    case 'c':
        echo "<b>Date Create Function :-</b><br><br>";
        $date=date_create("2017-11-12");
        echo  date_format($date,"d/F/Y");
        break;
    case 'd':
        echo "<b>Time Function :-</b><br><br>";
        $t=time();
        echo "Time() Show Current Date And Time : 
".date("d/F/Y H:i:s",$t);
        break;
    case 'e':
        echo "<b>Local Time Function :-</b><br><br>";
        $t=localtime(time(),true);
        foreach ($t as $key=>$val) {
            echo "$key => $val <br>";
        }
        break;
    default:
        echo "Invalid !!!";
```

```php
                }
            }
        else
        {
            echo "Please Select Any One Option !!!";
        }
    }
    echo "</center>";
?>
```

❖ **OUTPUT :**

7.

❖ **PROGRAM :**

- **MISCELL_FUNCTION MAIN FILE :**

```php
<?php
    echo "<h2><center>MISCELL  FUNCTION</center></h2>";
```

```php
// Define and Constant Functions....
echo "<b>Define and Constant Functions ...</b><br>";
define('color','blue');
echo "<br>Color is ".constant('color')."<br><br><br>";

//include and Require Function....
echo "<b>include and Require Function....</b><br>";
for($i=1;$i<=10;$i++)
{
    echo "$i<br>";
    if($i=='5')
    {
```

```php
            include('miscell_function_include.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_header.php');
    }
?>
```

- **MISCELL_FUNCTION INCLUDE FILE :**

```php
<?php
        echo "<br><b>Welcome to new page !!!</b><br><br>";
?>
```

- **MISCELL_FUNCTION INCLUDE FILE :**

```php
<?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>";
                }
        }
?>
```
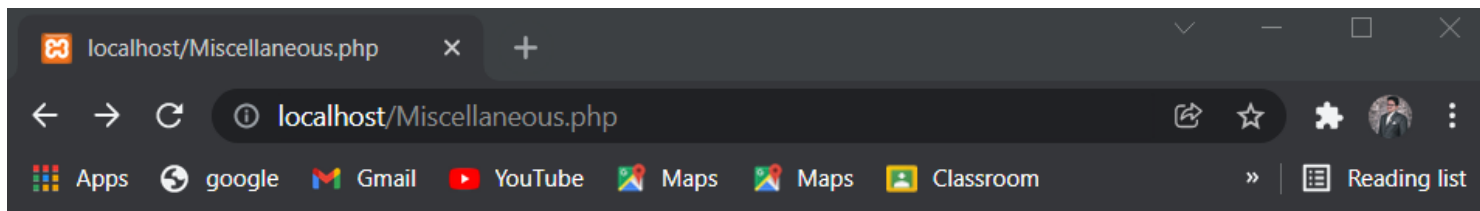
❖ **OUTPUT :**

MISCELL FUNCTION

Define and Constant Functions

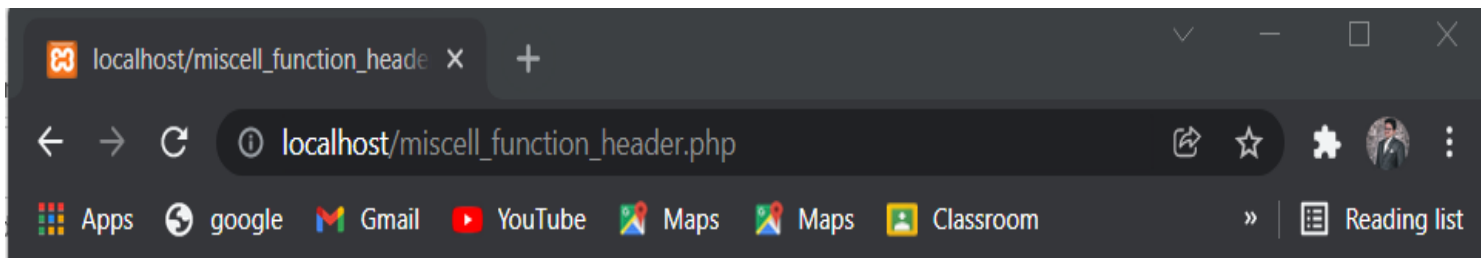Color is blue

include and Require Function
1
2
3
4
5

Welcome to new page !!!

6
7
8
9
10

Header Function

Here Control Of script is move to New Page With The Help Of **Header()**

Move to New Page

Die or exit Functions

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

---

8. VARIABLE_LENGH_ARGUMENT_FUNCTION – IF—ESLEIF AS LIKE DEMO GIVEN IN LAB

❖ **PROGRAM :**

```php
<?php
    echo "<center><h2><b>";
    function abc()
    {
        $a=func_num_args();
        $b=func_get_args();
        //print_r($b);
        /*for($i=0;$i<$a;$i++)
        {
            echo $b[$i]."<br>";
```

```php
        }*/
        foreach($b as $n)
        {
                echo $n."<br>";
        }
        /*if($a>4)
        {
                echo func_get_arg(5);
        }
        else
        {
                echo "data not found";
        }*/
    }
    abc(100,200,300,'xyz',12.56,true);
    echo "</b></h2></center>";
?>
```

❖ **OUTPUT :**