

Lecture 6 Notes (Functions, Class, Value Passing using LINK/URL)

Functions

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
</head>
<body>
  <?php
    function show()
    {
      echo "Shayoni";
    }

    show();
  ?>
</body>
</html>
```

Shayoni

-----o-----

```
<?php
function show($s)
{
  echo $s;
}

show("Asif With SHAYONI");
?>
```

Asif With SHAYONI

-----o-----

```

<?php
function show($s)
{
    echo $s;
}

function add ($a, $b)
{
    $sum = $a + $b;
    return $sum;
}

echo "The sum is ".add(20,10);
?>

```

The sum is 30

-----○-----

Multiple value return kora jabe? Ekta array return korlei ei problem solved.

```

<?php
function add ($a, $b)
{
    $sum = $a + $b;
    $sub = $a - $b;
    return array($sum,$sub);
}

$result = add(45,34);
echo "The sum is $result[0] <br>";
echo "and the subtraction is $result[1]";
?>

```

The sum is 79
and the subtraction is 11

-----○-----

Class

```
<?php

class Student
{
    public $name;

    function set_name($name)
    {
        $this->name = $name;
    }
    function get_name()
    {
        return $this->name; //obosshoi evabe specify korte hobe php te
    }
}

$student = new Student(); //php te Student student = new Student evabe kora
lagena.
$student-> set_name("S M Asif Hossain"); //obj ref diye function call korchhi
echo $student -> get_name();
?>
```

S M Asif Hossain

-----o-----

```
<?php

class Student
{
    public $name;

    /* Constructor define er somoy php te function keyword likhe 2 ta
underscore "_"
    diye jokhon construct keyword ta likhbo, oita etai mean kore je eta ekta
constructor*/

    function __construct($x) //defining constructor
    {
        echo "Constructor calling <br>";
        $this->name = $x;
    }
}
```

```

    }

    function set_name($name)
    {
        $this->name = $name;
    }
    function get_name()
    {
        return $this->name;
    }
}

$student = new Student("Hossain + Shayoni");
echo $student -> get_name();
?>

```

Constructor calling
Hossain + Shayoni

-----o-----

Value Passing using LINK/URL:

- Jodi link er sathe value pass korte chai tobe link er sathe ekta '?' mark diye id = value ta pass korbo. Jemon 222.aiub.edu?id = 5
- Ekhane id=5 eta ekta associative array. Ei value ta pass hocche associative array hisebe (key=>value)
- Ei type er value retrieve korar jonno \$_GET use korte hobe. Eta ekta Global Variable & also an associative array.

```

• <!DOCTYPE html>
• <html lang="en">
• <head>
•     <title>Document</title>
• </head>
• <body>
•     <a href="random.php">Click here to watch!</a>
•     <?php
•     ?>
• </body>
• </html>
•
•
•
•
•

```

-
-
-
-
-
- `<!DOCTYPE html>`
- `<html lang="en">`
- `<head>`
- `<title>Document</title>`
- `</head>`
- `<body>`
- `<h1>Hello WORLD? </h1>`
- `</body>`
- `</html>`
-

[Click here to watch!](#)

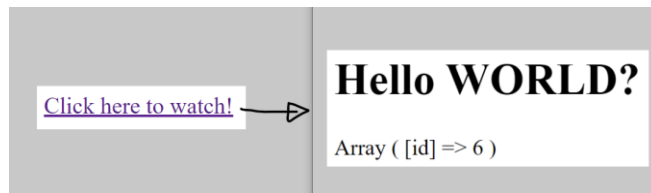


Hello WORLD?

-----O-----

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
</head>
<body>
  <a href="random.php?id=6">Click here to watch!</a>
  <?php
  ?>
</body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
</head>
<body>
  <h1>Hello WORLD? </h1>
  <?php
  print_r($_GET);
  ?>
</body>
</html>
```



-----O-----

```
<a href="random.php?id=6&name=sadia">Click here to watch!</a>
```

Hello WORLD?

Array ([id] => 6 [name] => sadia)

-----O-----

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
</head>
<body>
  <a href="random.php?id=21-44421-1&name=S M Asif Hossain">Click here to
watch!</a>
  <?php
  ?>
</body>
</html>
```

```
<!DOCTYPE html>

<html lang="en">
<head>
  <title>Document</title>
</head>
<body>
  <h1>Hello Everyone? </h1>
  <?php
  echo "Printing as Array: <br>";
  print_r($_GET);
  echo "<br> My name is: " . $_GET["name"] . "<br>";
  echo "My student id is: " . $_GET["id"];
  ?>
</body>
```

```
</html>
```

Hello Everyone?

Printing as Array:

Array ([id] => 21-44421-1 [name] => S M Asif Hossain)

My name is: S M Asif Hossain

My student id is: 21-44421-1

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```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
</head>
<body>
  <?php
    for ($i = 1; $i <= 10; $i++)
    {
      ?>
      <a href="random.php">Next Page <?php echo $i; ?></a>
      <br>
      <?php
    }
    ?>
</body>
</html>
```

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```
<!DOCTYPE html>
<html lang="en">
<head>
```

```

    <title>Document</title>
</head>
<body>
    <?php
    for ($i = 1;$i <= 10; $i++)
    {
        ?>
        <a href="random.php?id=<?php echo $i;?>">Next Page <?php echo $i; ?></a>
        <br>
        <?php
        }
        ?>
    </body>
</html>

<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
</head>
<body>
    <h3>Hello Everyone? </h3>
    <?php
    echo "My id is ".$_GET["id"];
    ?>
</body>
</html>

```

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← → ↻ ⬆️ ⓘ localhost:801/WebTech/random.php?id=3

Hello Everyone?

My id is 3

← → ↻ ⬆️ ⓘ localhost:801/WebTech/random.php?id=6

Hello Everyone?

My id is 6


```

<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
</head>
<body>
    <?php
    for ($i = 1;$i <= 10; $i++)
    {
        ?>
        <a href="random.php?id=<?php echo $i;?>">Next Page <?php echo $i; ?></a>
        <br>
        <?php
        }
    }
    ?>
</body>
</html>
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
</head>
<body>
    <h3>Hello Everyone? </h3>
    <?php
    echo "My id is " . $_GET["id"] . "<br>";

    if ($_GET["id"]%2 == 0)
    {echo "Even <br>";}
    else
    {echo "Odd <br>";}
    ?>
</body>
</html>

```

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[Next Page 7](#) **Hello Everyone?** **Hello Everyone?** **Hello Everyone?**

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[Next Page 9](#) My id is 2 My id is 7 My id is 6

[Next Page 10](#) Even Odd Even

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