

* ASSIGNMENT 3 *

Q1. What is XML? Give its eleⁿ & explain its use with example

- XML is meta-language, which can be used to store data & act as mechanism to transfer info betⁿ dissimilar systems.
- XML stands for Extensible Markup Language.
- XML was designed to describe data.
- XML tags must be defined by us.
- XML eleⁿ can be defined as building blocks of an XML, eleⁿ can behave as containers to hold text, ele, attributes, meta, etc.
- XML eleⁿ is everything from start tag to end tag.

<title>, <year> & <price> are elements.

<book>

<title> HR </title>

<year> 2000 </year>

<price> 24 </price>

</book>

Q2. What is DTD? Applications? Adv and disadv?

→ DTD is to define legal building blocks of an XML document.

→ It defines doc. structure with list of legal elements. Can be declared in your XML, or as an external reference.

Adv.

Documentation - You can define your own format for XML files.

Validation - Gives a way to check validity of XML files by checking whether ele^s appear in right order, mandatory ele^s are in place, so on.

Disadv.

- It doesn't support namespace
- It support only text string data type.
- It is not obj oriented.
- Limited possibilities to express cardinality for elements.

Q3. Explain session in PHP.

→ PHP session variable is used to store info about, or change setting for user session.

→ Session variable hold info about 1 user, and are available to all pages in one application.

→ Starting session

- Before you can store user info in your PHP session, you must first start up.

```

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

→ Storing variable

```

<? phpsession_start(); ?>
$_SESSION['views']=1; ?>
<html>
<body>
<? php echo "Pageviews=" . $_SESSION
</body>
</html>
    
```

Vinayak, S.V.I.T.

Output: Pageviews = 1

→ Destroying a session

```

<? php session_start();
if (isset($_SESSION['views']))
    $_SESSION['views'] = $_SESSION['views'] + 1;
else
    $_SESSION['views'] = 1;
echo "Views = " . $_SESSION['views'];
? >
    
```

→ Destroying a session

```

<? php unset($_SESSION['views']);
? >
    
```

```

<? php session_destroy(); ? >
    
```

Q4. Explain setcookie() func in PHP with meaning of all arguments.

→ The setcookie() function is used to set a cookie, must be appear before <html> tag.

setcookie (name, value, expire,
path, domain)

- In above example, we will create a cookie named "user" & assign value "Jeet" to it, also we can specify cookie expire after 1 hour.

```
<?php  
    setcookie("user", "Jeet", time() + 3600);  
?>  
<html>
```

- time in another way in seconds.

```
<?php  
$exp = time() + 60 * 60;  
setcookie("user", "Jeet", $exp);  
?>  
<html>
```