Webfeed Practical

1. **Steps to be performed fore Web feed reader**
   o Install xampp from https://www.apachefriends.org/
   o Open XAMPP Control Panel
   o Start Apache
   o Create a folder in c:\xampp\htdocs, say demo
   o In demo folder write your html embedded with php and suffix it .php
   o Open localhost/demo from your browser
   o Navigate to your file. Try webfeed.php for webfeed
   o RSS Feed Reader chrome plugin

   Complete assignment video: https://youtu.be/0co2rns_9Bs

webfeed.php

```
<html>

<head>

<script>

function showRSS(str) {

 if (str.length==0) {

  document.getElementById("rssOutput").innerHTML="";

  return;

 }

 if (window.XMLHttpRequest) {

 //code for IE7+, Firefox, Chrome, Opera, Safari

 xmlhttp=new XMLHttpRequest();

 } else {

 // code for IE6, IE5

 xmlhttp=new ActiveXObject("Microsoft.XMLHTTP");

 }

 xmlhttp.onreadystatechange=function() {

  if (this.readyState==4 && this.status==200) {

   document.getElementById("rssOutput").innerHTML=this.responseText;
```

```
   }
  }
  xmlhttp.open("GET","webfeed.php?q="+str,true);
 xmlhttp.send();
 }
</script>
</head>
<body>

<form>
<select onchange="showRSS(this.value)">
<option value="">Select an RSS-feed:</option>
<option value="Google">Google News</option>
<option value="ZDN">ZDNet News</option>
</select>
</form>
<br>
<div id="rssOutput">RSS-feed will be listed here...</div>

<?php
//get the q parameter from URL
$q=$_GET["q"];
//find out which feed was selected
if($q=="Google") {
$xml=("http://news.google.com/news?ned=us&topic=h&output=rss");
} elseif($q=="ZDN") {
$xml=("https://www.zdnet.com/news/rss.xml");
}

$xmlDoc = new DOMDocument();
$xmlDoc->load($xml);
```

```php
//get elements from "<channel>"

$channel=$xmlDoc->getElementsByTagName('channel')->item(0);

$channel_title =
$channel->getElementsByTagName('title')->item(0)->childNodes->item(0)->nodeValue;

$channel_link =
$channel->getElementsByTagName('link')->item(0)->childNodes->item(0)->nodeValue;

$channel_desc =
$channel->getElementsByTagName('description')->item(0)->childNodes->item(0)->nodeValue;


//output elements from "<channel>"

echo("<p><a href='" . $channel_link

. "'>" . $channel_title . "</a>");

echo("<br>");

echo($channel_desc . "</p>");


//get and output "<item>" elements

$x=$xmlDoc->getElementsByTagName('item');

for ($i=0; $i<=2; $i++) {

$item_title=$x->item($i)->getElementsByTagName('title')->item(0)->childNodes->item(0)->nodeValue;

$item_link=$x->item($i)->getElementsByTagName('link')->item(0)->childNodes->item(0)->nodeValue;

$item_desc=$x->item($i)->getElementsByTagName('description')->item(0)->childNodes->item(0)->nodeValue;

echo ("<p><a href='" . $item_link . "'>" . $item_title . "</a>");

echo ("<br>");

echo ($item_desc . "</p>");

}

?>

</body>

</html>
```