**Webfeed Practical**

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

//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>