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<html>
<head>
<title>1AB Program</title>
</head>
<body>
<script type="text/javascript">
    var n=prompt("Enter a Number");
    var fib1=0,fib2=1,fib=0,i=1;
    if(n!=null && n>0)
    {
        document.write(n+"fibbonic numbers<br>");
        for(i=1;i<=n;i++)
        {
            if(i==1)
                document.write(fib1);
            if(i==2)
                document.write(", "+fib2);
            else if(i>=3)
            {
                fib=fib1+fib2;
                document.write(", "+fib);
                fib1=fib2;
                fib2=fib;
            }
        }
        msg="<br/>Number and square<br/><table>";
        for(i=1;i<=n;i++)
            msg=msg+"<tr><td>"+i+"</td><td>"+i*i+"</td></tr>";
        //alert(msg);
        msg=msg+"</table>";
        document.write(msg);
    }
    else
        alert("No Proper Number");
</script>
</body>
</html>

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<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<title>Validate USN</title>
<script>
function validateUSN()
{
    var usn=document.formUSN.usnNumber.value;
    var ok=usn.search(/[1-4]([A-Z]|[a-z]){2}\d{2}([A-Z]|[a-z]){2}\d{3}/);
    if(ok==0 && usn.length==10)
        alert("The USN is Valid");
        //document.formUSN.resusn.value="valid";
    else
        alert("The USN is InValid");
        //document.formUSN.resusn.value="Invalid";
    document.formUSN.usnNumber.select();
}
function validateSem()
{
    var semester=document.formUSN.sem.value;
    var ok=semester.search(/[1-8]/);
    if(ok==0 && semester.length==1)
        alert("The Sem is Valid");
        //document.formUSN.ressem.value="valid";
    else
        alert("The Sem is InValid");
        //document.formUSN.ressem.value="Invalid";
    document.formUSN.sem.select();
}
</script>
</head>
<body>

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        <form Name="formUSN">
        Enter USN<br/>
        <input Type=Text Name="usnNumber" value=""/>
        <input Type=Button Name="btnValidate" value="Validate" onclick='validateUSN.() ;'/>
        <input type=text name="resusn" value=""><br/>
        Enter Semester<br/>
        <input Type=Text Name="sem" value=""/>
        <input Type=Button Name="btnValidateSem" value="Validate" onclick='validateSem.() ;'/>
        <input type=text name="ressem" value=""/>
        </form>
    </body>
</html>

<html>
    <head>
    <title> stacked on top </title>
    <script type = "text/javascript">
    var topLayer = "layer3";
    function mover (toTop)
    {
        document.getElementById (topLayer).style.zIndex = "0";
        document.getElementById (toTop).style.zIndex = "10";
        topLayer = toTop;
    }
    </script>
    </head>
    <body>
        <div id = "layer1" style = "border:solid thick green; background: red; z-index: 0;
position: absolute;left: 10px; top: 100px; width: 400px; font-size: 24px;" onMouseOver =
"mover('layer1')">
    Modules in JavaScript are called functions. </div>
    <div id = "layer2" style = "border:solid thick blue; background: yellow; z-index: 0; position:
absolute;left: 60px; top: 150px; width: 400px; font-size: 24px;" onMouseOver = "mover('layer2')">
    > The prepackaged functions that belong to JavaScript are called methods.</div>
    <div id = "layer3" style = "border:solid thick red; background: aqua;z-index: 0; position:
absolute;left: 110px; top: 200px; width: 600px; font-size: 24px;" onMouseOver = "mover('layer3')">
    Javascript provides several objects that have arich collection of methods for performing
    common mathematical calculations, string manipulations,
    date and time manipulations,
    and manipulations of collections of data called arrays. </div>
    </body>
</html>

<html>
    <head>
    <title> stacked on top </title>
    <script type = "text/javascript">
    var topLayer = "layer3";
    function mover (toTop)
    {
        document.getElementById (topLayer).style.zIndex = "0";
        document.getElementById (toTop).style.zIndex = "10";
        topLayer = toTop;
    }
    function resetPosition()
    {
        document.getElementById(topLayer).style.zIndex=0;
    }
    </script>
    </head>
    <body>
        <div id = "layer1" style = "border:solid thick green; background: red; z-index: 0;
position: absolute;left: 10px; top: 100px; width: 400px; font-size: 24px;" onMouseOver =
"mover('layer1')" onMouseOut="resetPosition()">
    Modules in JavaScript are called functions. </div>
    <div id = "layer2" style = "border:solid thick blue; background: yellow; z-index: 0; position:
absolute;left: 60px; top: 150px; width: 400px; font-size: 24px;" onMouseOver = "mover('layer2')">
    onMouseOut="resetPosition()"> The prepackaged functions that belong to JavaScript are called
    methods.</div>
    <div id = "layer3" style = "border:solid thick red; background: aqua;z-index: 0; position:
absolute;left: 110px; top: 200px; width: 600px; font-size: 24px;" onMouseOver = "mover('layer3')">
    onMouseOut="resetPosition()"> Javascript provides several objects tulations,</div>
    </body>
</html>

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usn      {display: block;color:red; font-size:25pt;background-color:yellow;}
name     {display: block;color:blue;font-size:20pt; font-style:italic;font-weight:bold;}
college  {display: block;color:green;margin-left:20pt;}
branch   {display: block;color:green;font-size:15pt; font-style:italic; font-
weight:bold;margin-left:20pt; }
yoj      {display: block;color: green;margin-left:20pt;}
email    {display: block;color:green;margin-left:20pt;}

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```

<?xml version = "1.0" encoding="utf-8"?>
<?xml-stylesheet type = "text/css" href = "4a.css" ?>
<VTU>
    <student>
        <usn> 1RE14CS421 </usn>
        <name> ROSHAN THOMAS </name>
        <college> REVA ITM </college>
        <branch> CSE</branch>
        <yoj> 2013 </yoj>
        <email> rshn.thomas1@gmail.com </email>
    </student>
    <student>
        <usn> 1RE08CS002</usn>
        <name> Anil</name>
        <college> REVA ITM </college>
        <branch> CSE </branch>
        <yoj> 2008 </yoj>
        <email> anil@ritm.in </email>
    </student>
    <student>
        <usn> 1RE08CS003</usn>
        <name> Anannya</name>
        <college> REVA ITM </college>
        <branch> CSE </branch>
        <yoj> 2008 </yoj>
        <email> anu@ritm.in </email>
    </student>
</VTU>

```

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<?xml version = "1.0" encoding = "utf-8"?>
<xsl:stylesheet version = "1.0" xmlns:xsl = "http://www.w3.org/1999/XSL/Transform" xmlns =
"http://www.w3.org/1999/xhtml">
<xsl:template match = "student">
<html>
    <head>
        <title> Style sheet for 4b.xml </title>
    </head>
    <body>
        <h2> student info </h2>
        <span style = "font-style: italic;color: green;"> usn:</span> <xsl:value-of select = "usn" />
<br />
        <span style = "font-style: italic;color: blue;"> name:</span> <xsl:value-of select =
"name" /> <br />
        <span style = "font-style: italic;color: red;"> college:</span> <xsl:value-of select =
"college" /> <br />
        <span style = "font-style: italic;color: aqua;"> branch:</span> <xsl:value-of select =
"branch" /> <br />
        <span style = "font-style: italic;color: aqua;"> Year of Joining: </span> <xsl:value-of
select = "yoj" /> <br />
        <span style = "font-style: italic;color: aqua;"> E-mail:</span> <xsl:value-of select =
"email" /> <br />
    </body>
</html>
</xsl:template>
</xsl:stylesheet>

```

```

<html>
    <head><title>server information</title></head>
    <body bgcolor=red> <br>
        <form action="http://localhost/cgi-bin/5a.pl" method="get">
            <center><input type="submit" value="show server info"></center>
        </form>
    </body>
</html>

```

```
#!/usr/bin/perl
use CGI ':standard';
print "Content-type:text/html","\n\n";
print "Server Name:",$ENV{'SERVER_NAME'},"<br/>";
print "Runinmg on port:",$ENV{'SERVER_PORT'},"<br/>";
print "Server Software:",$ENV{'SERVER_SOFTWARE'},"<br/>";
print "Server Protocol:",$ENV{'SERVER_PROTOCOL'},"<br/>";
print "CGI Revision:",$ENV{'GATEWAY_INTERFACE'},"<br/>";
exit(0);

<html>
  <head><title>unix command</title></head>
  <body bgcolor=yellow>
    <form action="http://localhost/cgi-bin/5b.pl" method="post">
      <center><br><h1>enter unix command</h1></br></center>
      <input type="text" name="cmd">
      <input type="submit" value="executed">
    </form>
  </body>
</html>

#!/usr/bin/perl
use CGI ':standard';
print "Content-type:text/html","\n\n";
$c=param('cmd');
system($c);

<html>
  <head><title> name </title></head>
  <body bgcolor="aabbcc">
    <h3> enter name & receive the greetings </h3>
    <form action="/cgi-bin/6a.pl" method="get">
      name:<input type="text" name="username"><br/>
      <input type="submit" value="submit">
      <input type="reset" value="reset">
    </form>
  </body>
</html>

#!/usr/bin/perl
use CGI ':standard';
print "Content-type:text/html","\n\n";
$input=param('username');
print "<html><body bgcolor=pink><h3>hi, $input</h3>";
my @msgs=("Welcome to Web Programming Lab", "Have a nice time in lab", "Practice all the programs",
"well done Good Day");
print "<h3>the message received is:";
print $msgs[int rand scalar @msgs];
print "</h3></body></html>";

#!/usr/bin/perl
use CGI ":standard";
print header;
print start_html("6b");
open(FILE,'<count.txt');
$a=<FILE>;
$a++;
close(FILE);
open(FILE,'>count.txt');
print FILE "$a";
close(FILE);
print "No of visit is $a";
print end_html;

#!/usr/bin/perl
$delay = 1;
($s,$m,$h) = localtime (time);
print "Refresh: ", $delay, "\n";
print "Content-type: text/html", "\n\n";
print "<html><body>";
print "<h3>The system time is:\t";
print "$h:$m:$s","<br/>";
print "In words $h hours: $m minutes: $s seconds";
print "</h3></body></html>";
```

```

<html>
    <body>
        <form action="http://localhost/cgi-bin/8.pl">
            Name : <input type="text" name="name"> <br>
            Age :<input type="text" name="age"> <br>
            <input type="submit" value="Submit">
        </form>
    </body>
</html>

#!/usr/bin/perl
use CGI ':standard';
use DBI;
print "Content-type: text/html \n\n";
print "<html><head><title>Result of the insert operation </title></head><body>";
$name=param('name');
$age=param('age');
$dbh=DBI->connect("DBI:mysql:weblab","root","");
$qh=$dbh->prepare("insert into stud values('$name','$age')");
$qh->execute();
$qh=$dbh->prepare("select * from stud");
$qh->execute();
print "<table border size=1><tr><th>Name</th><th>Age</th></tr>";
while ( ($name,$age)=$qh->fetchrow() )
    print "<tr><td>$name</td><td>$age</td></tr>";
print "</table>";
$qh->finish();
$dbh->disconnect();
print"</body></html>";
#print end_html;

<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN" "http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
    <head><title>Cookies</title> </head>
    <body>
        <form action="9.php" method="post">
            <p>The last visited time was
            <input type="submit" value="Display Now"/></p>
        </form>
    </body>
</html>

<?php
$present_time=date("H:i:s-m/d/y");
$expiry= 60 * 60 *24 *60 + time();
setcookie("Lastvisit",$present_time, $expiry);
if(isset($_COOKIE["Lastvisit"]))
{
    echo "Cookie has been set";
    echo "The current time of the system is";
    echo $present_time;
    echo "The Last visited Time and Date";
    echo $_COOKIE["Lastvisit"];
}
else
    echo "You've got some old cookies!";
?>

<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN" "http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
    <head> <title>SESSION PROGRAM</title></head>
    <body>
        <form action="10.php" method="post">
            <p>To see page views count in session
            <input type="submit" value="Click Here"></p>
        </form>
    </body>
</html>

```

```

<?php
session_start();
if (!isset($_SESSION))
{
    $_SESSION["count"] = 1;
    echo "<p>Counter initialized</p>\n";
}
else
$_SESSION["count"]++;
echo "<p>This page has been viewed <b>$_SESSION[count]</b> times.</p>". "<p>reload this page to
increment</p>";
?>

<html>
<body>
<form action="11a.php" method="post">
    Name:<input type="text" name="name" />
    Address Line 1:<input type="text" name="address1" />
    Address Line 2:<input type="text" name="address2" />
    Email:<input type="text" name="email" />
    <input type="submit" />
</form>
</body>
</html>

<html>
<body>
<?php
$con = mysql_connect("localhost","root","") or die(mysql_error());
mysql_select_db("cse") or die(mysql_error());
$sql="INSERT INTO persons1 (name, address1, address2, email) VALUES ('$_POST[name]',
'$_POST[address1]', '$_POST[address2]', '$_POST[email]')";

if (!mysql_query($sql,$con))
{
    die('Error: ' . mysql_error());
}

echo "1 record added";
mysql_close($con);
?>

<form action="11b.php" method="post">
    Name: <input type="text" name="name" />
    <input type="submit" />
</form>
</body>
</html>

<html>
<body>
<?php
$con = mysql_connect("localhost","root","") or die(mysql_error());

mysql_select_db("cse") or die(mysql_error());

$result = mysql_query("SELECT * FROM persons1 where name= '$_POST[name]'");
if(!$result)
{
    echo "There is no record";
}

echo "<table
border='1'><tr><th>Name</th><th>Addresss1</th><th>Addresss2</th><th>Email</th></tr>";
while($row = mysql_fetch_array($result))
{
    echo "<tr>";
    echo "<td>" . $row['name'] . "</td>";
    echo "<td>" . $row['address1'] . "</td>";
    echo "<td>" . $row['address2'] . "</td>";
    echo "<td>" . $row['email'] . "</td>";
    echo "</tr>";
}

echo "</table>";
mysql_close($con);
?>
</body>
</html>

```