

A company needs its business application's user interface to be redesigned and redeveloped without affecting any of its functionality or data access logic underneath, which of the following architectures is the most suitable to carry on this procedure safely?

Select one or more:

- a. Standalone Application
- b. 2-tier Client – Server Architecture
- c. 3-tier Client – Server Architecture
- d. All of Above
- e. None of the Above

[Next page](#)

Which of the following systems does not expose its database to the end user directly?

Select one:

- a. Standalone Application
- b. 2-tier Client – Server Architecture
- c. 3-tier Client – Server Architecture
- d. Both a) and b)
- e. Both b) and c)

[Next page](#)

Identify the attribute of <form> tag

Select one:

- a. accept
- b. action
- c. href
- d. methods
- e. alt



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Select the correct organization which is mainly creating the Web Standards.

Select one:

- a. The World Wide Web Consortium
- b. National Institute of Standards and Technology
- c. International Standard Organization
- d. British Standards institute
- e. American National Standards Institute

Choose appropriate Option: JavaScript is also called as _____.

Select one:

- a. None of the above
- b. Compiling Scripting Language
- c. Server-Side Scripting Language
- d. Browser Side Scripting Language
- e. Client-Side Scripting Language

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Which of the following describes e-commerce?

Select one:

- a. Sale of goods
- b. Sale of services
- c. Doing business electrically
- d. Doing business electronically
- e. ebay

What is **not** true about "POST" method

Select one:

- a. has no size limitations
- b. Good for sensitive and personal data
- c. Useful to bookmarked the results
- d. is not the default method of Form.
- e. Does not display the form data on the URL

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What is the difference between a while loop and a do...while loop?

Select one:

- a. The code inside a do...while loop will always be executed at least once, even if the condition is false.
- b. There is no difference between them.
- c. The code inside a while loop will always be executed at least once, even if the condition is true.
- d. The code inside a do...while loop will always be executed at least once, even if the condition is true.
- e. The code inside a while loop will always be executed at least once, even if the condition is false.



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Which statement will output \$a on the screen?

Select one or more:

- a. echo " \$\$a";
- b. echo "/\$a";
- c. echo '\$a';
- d. echo "\$a;";
- e. echo "\\$a";



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What will be the output of the following PHP code?

```
<?php  
    $a = 'a';  
    $b = "a";  
    echo ($a === $b);  
?>
```

Select one:

- a. 1
- b. False
- c. 0
- d. Error
- e. 5 === 5

```
C | I | A  
X  
<html>  
<head>  
<style>  
body{color:blue}  
.mystyle {color:red;}  
#mystyle2 {color:red;}  
#mystyle3 {color:green;}  
.divclass {font-size:15px;color:red}  
h2{color:red;}  
</style>  
</head>  
<body>  
<h1>Title 01</h1>  
<h2>Title 02</h2>  
<h2>Title 03</h2>  
</body>  
</html>
```

What is the font color of Title1,Title2 and Title3?

Select one:

- a. blue, red, blue
- b. red, blue, red
- c. blue, red, red
- d. blue, blue, red
- e. red, red, blue



Which of the following is true about 'audio' tag in HTML5?

Select one:

- a. Commonly used audio formats are ogg, mp3 and wav are supported.
- b. You can use <source> tag to specify media along with media type and many other attributes.
- c. An audio element allows multiple source elements and browser will use the first recognized form.
- d. All of the above .
- e. None of the above



What is the correct HTML DOM to change the value of the image in to newimage.jpg?

```

```

Select one:

- a. document.getElementById("image").innerHTML = " newimage.jpg";
- b. document.getElementById("src") = " newimage.jpg";
- c. document.getElementById("image").value = " newimage.jpg";
- d. document.getElementByType("image").src = " newimage.jpg";
- e. document.getElementById("image").src = " newimage.jpg";

C O E

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What is the output of following Javascript?

```
red  
on  
var a = 'letsfind';  
var b = 'course';  
var c = a/b;  
document.write(c);
```

Select one:

- a. letsfindcourse
- b. letsfind/course
- c. NaN
- d. run-time error
- e. None of the above

21

answered
out of
question

The most suitable place(s) to insert a javascript code(s) in a page

Select one:

- a. inline
- b. inline and body
- c. head
- d. body
- e. both head and body

Question 17

Not yet answered
Marked out of
1.00

▼ Flag question

Following JS Code Consists of different Type of Statements

```
<script type="text/javascript">  
var i = 10;  
if (i < 10) {  
    document.write("<h1>This is a heading</h1>");  
    document.write("<p>This is a paragraph.</p>");  
    document.write("<p>This is another paragraph.</p>");  
}  
</script>
```

Select one:

- a. Conditional Statement
- b. Declaration Statement
- c. All Type of Statements are included inside JS Code
- d. Executable Statement
- e. Assignment Statement

Question 19

Not yet answered

Marked out of
1.00

Flag question

What's the correct code of adding a video?

Select one:

- a.
<video width="250" height="300" >
<link src="queens.mp4" type="video/mp4">
</video>
- b.
<video width="250" height="300" >
<source src="queens.mp4" type="video/mp4">
</video>
- c.
<video width="250" height="300" >
<link src="queens.mp4" type="video/mp4">
</video>
- d.
<video width="250px" height="300px" >
<source scr="queens.mp4" type="video/mp4">
</video>
- e.
<video width="250" height="300" >
<source link="queens.mp4" type="video/mp4">
</video>

What will be the output of the following PHP code?

```
<?php  
  
$states = array("Sri Lanka" => array("population" => "21.67 million", "capital" => "Sri  
Jayawardenapura"), "Australia" => array( "population" => "24.99 million", "capital" => "Canberra") );  
echo $states["Sri Lanka"]["population"];  
?>
```

Select one:

- a. 21.67 million
- b. Sri Lanka => 21.67 million
- c. Sri Lanka population
- d. population 21.67 million
- e. Sri Lanka 21.67 million



Question 52

Not yet answered

Marked out of
1.00

Flag question

What will be the output of the following PHP code?

```
<?php
function calc($price, $tax="")
{
    $total = $price + ($price * $tax);
    echo "$total";
}
calc(42);
?>
```

Select one:

- a. No output
- b. 42 and Error
- c. Error only
- d. 42
- e. 84

25

answered
out of
question

What is the value of (IWT.length)?

Select one:

- a. 2
- b. 0
- c. No output
- d. 3
- e. iwt

26

answered
out of
question

Which of these is a correct method to create a new array?

Select one:

- a. var myArray = new Array[];
- b. var myArray = {};
- c. var myArray = ();
- d. var myArray = array();
- e. var myArray = [];

2

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What will be the output of the following PHP code?

```
<?php  
$fruits = array ("apple", "orange", array ("pear", "mango"), "banana");  
echo (count($fruits, 1));  
?>
```

Select one:

- a. 3
- b. No output
- c. 4
- d. 5
- e. 6

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Cryptographic algorithms are based on mathematical algorithms where these algorithms use _____ for a secure transformation of data.

Select one:

- a. scripts
- b. add-ons
- c. secret key
- d. external programs
- e. secondary key

Next page

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What will be the output of the following PHP code?

```
<?php  
$num = "1";  
$num1 = "2";  
print $num+$num1;  
?>
```

Select one:

- a. 12
- b. 1+2
- c. 1+2
- d. Error
- e. 3

The screenshot shows a web browser window titled "Online Exams" from "Sri Lanka Institute of Information Technology". The main content area displays a PHP code snippet and a list of five multiple-choice options.

What will be the output of the following PHP code?

```
<?php  
$team = "india";  
switch ($team) {  
    case "india":  
        echo "I like parata";  
    case "srilanka":  
        echo "I like milkrice";  
    case "ausi":  
        echo "I like apples";  
}  
?
```

Select one:

- a. I like paratalike milkricelike apples
- b. I like paratalike milkrice
- c. india srilanka ausi
- d. I like parata and milkrice
- e. I like milkricelike apples

Question 44

Not yet answered

Marked out of
1.00

 Flag question

Which statement will output \$a on the screen?

Select one or more:

- a. echo '\$a';
- b. echo "/\$a";
- c. echo "\$a;";
- d. echo "\\$a";
- e. echo "\$\$a";

Question 45

Not yet answered

Marked out of
1.00

 Flag question

What will be the output of the following PHP code?

```
<?php  
$a = "Sri      "; // 5 spaces  
$a .= "Lanka";  
echo "$a";  
?>
```

Select one:

- a. Sri Lanka
- b. Sri Lanka
- c. SriLanka
- d. Lanka
- e. Sri



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What is the output of the code below?

```
<?php  
    $total = "25";  
    $more = '10';  
    $total = $total + $more;  
    echo "$total";  
?>
```

Select one:

- a. Error
- b. 35
- c. 10
- d. 25
- e. 2510

Question 46

Not yet answered
Marked out of
1.00

 Flag question

What will be the value of \$a and \$b after the function call in the following PHP code?

```
<?php
function myFunction($arg) {
    $return = $arg;
    $arg += 1;
    return $return;
}
$x = 3;
$y = myFunction( $x );
echo $x."<br />";
echo $y;
?>
```

Select one:

- a. a is 4 and b is 3
- b. Both are 4
- c. a is 3 and b is 4
- d. Both are 3
- e. No output



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What will be the output of the following PHP code?

```
<?php  
$a = 'a';  
$b = "a";  
echo ($a === $b);  
?>
```

Select one:

- a. False
- b. 5 === 5
- c. 1
- d. Error
- e. 0



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What will be the output of the following PHP code?

```
<?php  
function track() {  
    $count = 0;  
    $count++;  
    echo $count;  
}  
track(1);  
track();  
track(3);  
?>
```

Select one:

- a. 1 3
- b. 103
- c. 000
- d. 111
- e. 13

Which of the following needed to be installed on your computer to run PHP scripts?

- i) MySQL
- ii) XAMPP
- iii) Apache and PHP
- iv) IIS and PHP

Select one:

- a. ii) and iii)
- b. ii) or iii) or iv)
- c. i) or ii)
- d. Only i)
- e. ii and iii and iv

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What will be the value of \$a and \$b after the function call in the following PHP code?

```
<?php  
function myFunction($arg) {  
    $return = $arg;  
    $arg += 1;  
    return $return;  
}  
  
$x = 3;  
$y = myFunction( $x );  
echo $x."<br />";  
echo $y;  
?>
```

Select one:

- a. a is 4 and b is 3
- b. Both are 4
- c. a is 3 and b is 4
- d. Both are 3
- e. No output

? : is known as ternary operator. If condition is true then the part just after the ? is executed else the part after : is executed. True and false are represented by 1 and 0 respectively.

If \$a = 12 what will be returned when (\$a == 12) ? 5 : 1 is executed?

Select one:

- a. Error
- b. 12
- c. 5
- d. 1

Which of the below statements is equivalent to \$add += \$add?

Select one:

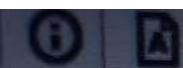
- a. \$add = \$add
- b. \$add = \$add + 1
- c. \$add = \$add +\$add
- d. \$add = \$add + \$add + 1
- e. add = add + 1

What will be the output of the following PHP code?

```
<?php  
    function track() {  
        $count = 0;  
        $count++;  
        echo $count;  
    }  
    track();  
    track();  
    track();  
?>
```

Select one:

- a. 13
- b. 13
- c. 000
- d. 103
- e. 111



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What will be the output of the following PHP code?

```
<?php  
$num = 1;  
$num1 = 2;  
print $num . " + ". $num1;  
?>
```

Select one:

- a. 1+2
- b. Error
- c. 1 +.2
- d. 3
- e. 1 + 2

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What will be the output of the following PHP code?

```
<?php  
    $op2 = "xyz";  
  
    function foo($op1)  
    {  
        echo $op1;  
        echo $op2;  
    }  
  
    foo("XYZ");  
?>
```

Select one:

- a. Error and xyz
- b. XYZ and Error
- c. \$op1 and \$op2
- d. xyzXYZ
- e. XYXyz

Question 51

Not yet answered
Marked out of
1.00

 Flag question

What will be the output of the following PHP code?

```
<?php  
$op2 = "xyz";  
  
function foo($op1)  
{  
    echo $op1;  
    echo $op2;  
}  
  
foo("XYZ");  
?>
```

Select one:

- a. XYXxyz
- b. xyzXYZ
- c. XYZ and Error
- d. \$op1 and \$op2
- e. Error and xyz

The screenshot shows a web browser window with a dark blue header bar containing standard window controls (minimize, maximize, close) and a toolbar with icons for back, forward, search, and other functions.

The main content area has a dark blue header with the logo "SLIIT" (Sri Lanka Institute of Information Technology) on the left and the text "Online Exams" and "Sri Lanka Institute of Information Techno" below it.

The question text is displayed in a light-colored box:

What will be the output of the following PHP code?

```
<?php  
function calc($price, $tax="")  
{  
    $total = $price + ($price * $tax);  
    echo "$total";  
}  
calc(42);  
?>
```

Below the code, there is a question prompt:

Select one:

a. Error only
 b. 42
 c. 42 and Error
 d. No output
 e. 84

Question 54

Not yet answered

Marked out of
1.00

 Flag question

Which of the following are incorrect ways of creating an array in PHP?

- i) state[0] = "karnataka";
- ii) \$state[] = array("karnataka");
- iii) \$state[0] = "karnataka";
- iv) \$state = array("karnataka");

Select one:

- a. i) and ii)
- b. ii) and iii)
- c. Only i)
- d. ii), iii) and iv)
- e. iii) and iv)

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What will be the value of \$a and \$b after the function call in the following PHP

```
<?php
function myFunction($arg) {
    $return = $arg;
    $arg += 1;
    return $return;
}
$x = 3;
$y = myFunction( $x );
echo $x."<br />";
echo $y;
```

?>

Select one:

- a. No output
- b. Both are 4
- c. Both are 3
- d. a is 3 and b is 4
- e. a is 4 and b is 3



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What will be the output of the following PHP code?

```
<?php  
function track() {  
    $count = 0;  
    $count++;  
    echo $count;  
}  
track(1);  
track();  
track(3);  
?>
```

Select one:

- a. 111
- b. 000
- c. 13
- d. 3
- e. 100



The method of reverting the encrypted text which is known as cipher text to its original form i.e. plain text is known as _____

Select one:

- a. cryptanalysis
- b. Cracking
- c. decryption
- d. reverse engineering
- e. encryption

Next page

The filesize() function returns the file size in _____

Select one:

- a. bytes
- b. bits
- c. kilobytes
- d. gigabytes
- e. terabyte

PHP's numerically indexed array begin with position _____

Select one:

- a. 2
- b. -1
- c. 0
- d. null
- e. 1

54

answered

out of

question

Which of the following are incorrect ways of creating an array in PHP?

- i) state[0] = "karnataka";
- ii) \$state[] = array("karnataka");
- iii) \$state[0] = "karnataka";
- iv) \$state = array("karnataka");

Select one:

- a. i) and ii)
- b. ii) and iii)
- c. Only i)
- d. ii), iii) and iv)
- e. iii) and iv)

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What will be the output of the following PHP code?

```
<?php  
$fruits = array ("apple", "orange", array ("pear", "mango"), "banana");  
echo (count($fruits, 1));  
?>
```

Select one:

- a. 4
- b. 6
- c. No output
- d. 3
- e. 5



SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

55

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question

PHP's numerically indexed array begin with position _____

Select one:

- a. null
- b. 1
- c. 2
- d. 0
- e. -1



What will be the value of \$a and \$b after the function call in the following PHP code?

```
<?php  
function myFunction($arg) {  
    $return = $arg;  
    $arg += 1;  
    return $return;  
}  
$x = 3;  
$y = myFunction( $x );  
echo $x."<br />";  
echo $y;  
?>
```

Select one:

- a. a is 4 and b is 3
- b. Both are 4
- c. Both are 3
- d. No output
- e. a is 3 and b is 4

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Question 53

Not yet answered

Marked out of 1.00

Flag question

What will be the value of \$a and \$b after the function call in the following PHP code?

```
<?php  
function myFunction($arg) {  
    $return = $arg;  
    $arg += 1;  
    return $return;  
}  
$x = 3;  
$y = myFunction( $x );  
echo $x."<br />";  
echo $y;  
?>
```

Select one:

- a. Both are 3
- b. No output
- c. Both are 4
- d. a is 3 and b is 4
- e. a is 4 and b is 3



Cryptographic algorithms are based on mathematical algorithms where these algorithms use _____ for a secure transformation of data.

Select one:

- a. secret key
- b. scripts
- c. secondary key
- d. external programs
- e. add-ons



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_____ is the process or mechanism used for converting ordinary plain text into garbled non-human readable text & vice-versa.

Select one:

- a. Cryptography
- b. Reverse engineering
- c. Plain text Analysis
- d. Malware Analysis
- e. Exploit writing

Next p

Which of the following are incorrect ways of creating an array in PHP?

- i) state[0] = "karnataka";
- ii) \$state[] = array("karnataka");
- iii) \$state[0] = "karnataka";
- iv) \$state = array("karnataka");

Select one:

- a. ii) and iii)
- b. iii) and iv)
- c. Only i)
- d. ii), iii) and iv)
- e. i) and ii)



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Question 54

Not yet answered

Marked out of
0.00

[Flag question](#)

What will be the output of the following PHP code?

```
<?php
function calc($price, $tax="")
{
    $total = $price + ($price * $tax);
    echo "$total";
}
calc(42);
?>
```

Select one:

- a. No output
- b. Error only
- c. 42 and Error
- d. 84
- e. 42

_____ is the process or mechanism used for converting ordinary plain text into garbled non-human readable text & vice-versa.

Select one:

- a. Cryptography
- b. Reverse engineering
- c. Plain text Analysis
- d. Malware Analysis
- e. Exploit writing

Next

What will be the output of the following PHP code?

```
<?php  
$states = array("Sri Lanka" => array("population" => "21.67 million", "capital" => "Sri Jayawardenapura"), "Australia" =>  
array( "population" => "24.99 million", "capital" => "Canberra" ));  
echo $states["Sri Lanka"]["population"];  
?>
```

Select one:

- a. Sri Lanka population
- b. Sri Lanka 21.67 million
- c. SRI Lanka => 21.67 million
- d. population 21.67 million
- e. 21.67 million

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When plain text is converted to unreadable format, it is termed as _____

Select one:

- a. ciphen-text
- b. rotten text
- c. raw text
- d. unreadable text
- e. cipher-text

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Data which is easily readable & understandable without any special algorithm or method is called _____

Select one:

- a. encrypted tex
- b. simple text
- c. cipher-text
- d. plain text
- e. raw text



Question 59

Not yet answered

Marked out of
0.00

Flag question

Conventional cryptography is also known as _____ or symmetric-key encryption.

Select one:

- a. public key
- b. protected key
- c. Asymmetric-key
- d. primary key
- e. secret-key



In _____ same keys are implemented for encrypting as well as decrypting the information.

Select one:

- a. Hash-based Key Encryption
- b. Asymmetric Key Decryption
- c. Asymmetric Key Encryption
- d. Symmetric Key Encryption
- e. Symmetric Key Decryption