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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



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Question 59

Not yet answered

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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

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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

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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

Next page

2

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

_____ 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



Question 54

Not yet answered

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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

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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_____ 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



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

Ne



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Question 53

Not yet answered

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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

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



55

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PHP's numerically indexed array begin with position _____

Select one:

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



9

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t of
question

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

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)

PHP's numerically indexed array begin with position _____

Select one:

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

The filesize() function returns the file size in _____

Select one:

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



SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

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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



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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. 13
- e. 103

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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

Question 54

Not yet answered

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 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)

The screenshot shows a web browser window displaying an online examination interface. The header features the logo of the Sri Lanka Institute of Information Technology (SLIIT) and the text "Online Exams". Below the header, a question is presented in a light blue 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: "Select one:" followed by five multiple-choice options:

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

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



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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. XYXxyz



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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 + Z

What will be the output of the following PHP code?

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

Select one:

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

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`

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? : 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

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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

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 output of the following PHP code?

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

Select one:

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



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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

Question 46

Not yet answered

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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 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 45

Not yet answered

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1.00

Flag question

What will be the output of the following PHP code?

```
<?php  
$a = "Sri    ";//05 spaces  
$a .= "Lanka";  
echo "$a";  
?>
```

Select one:

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

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";

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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 paratal like milkrice like apples
- b. I like paratal like milkrice
- c. indiasrilankaausi
- d. I like parata and milkrice
- e. I like milkrice like apples

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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

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

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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

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 = [];



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



Question 52

Not yet answered
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Flag question

What will be the output of the following PHP code?

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

Select one:

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

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 19

Not yet answered

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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" >
<link width="queens.mp4" type="video/mp4">
</video>

Question 17

Not yet answered

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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

21answered
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



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What is the output of following Javascript?

```
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



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.getElementByImage("src") = " newimage.jpg";
- c. document.getElementById("Image").value = " newimage.jpg";
- d. document.getElementByType("image").src = " newimage.jpg";
- e. document.getElementById("image").src = " newimage.jpg";



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



```
<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



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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



Online Exams

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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";

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.

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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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

Which of the following Is a declaration for a HTML5 document?

Select one:

- a. <html>.....</html>
- b. <!DOCTYPE Html>
- c..<body>.....</body>
- d..<!DOCTYPE Html5>
- e. None of the above



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Select the correct statement of e-commerce

- i. Global transactions are difficult.
- ii. Cannot examine the product
- iii. Not Available 24/7
- iv. Lacks the shopping experience.



Select one:

- a. ii and iv
- b. i and iv
- c. All statements are correct
- d. i and iii
- e. All statements are incorrect

Question 12

Not yet answered

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0.0[Flag question](#)

What is the output of following code?

```
var a = 10;  
var b = 0;  
document.write(a/b);
```

Select one:

- a. Some Garbage Value 
- b. 10
- c. 0 is printed
- d. Nothing is printed
- e. Infinity is printed

Sri Lanka Institute of Information Technology

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

```

```

Select one:

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

**Question 10**

Not yet answered

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Flag question

Identify the correct XML name from the following strings.

Select one:

- a. #TheElement
- b. @The Element
- c. _TheElement
- d. The * Element
- e. None of the above



10
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In the context of storing data in a system, Data Persistence is mandatory. Which of the following computer-based systems is most suitable when there is a need for data persistency?

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

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out of
question

Select the tag which is dealing as a container?

Select one:

- a. <SELECT>
- b. <BODY>
- c. <INPUT>
- d. <LEGEND>
- e. <SELECT> and <BODY>

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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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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

Identify the attribute of <form> tag

Select one:

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



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](#)



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

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it19973784 Wijesekara K.K.A

Question 1
Not yet answered.
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Flag question

In the context of storing data in a system, Data Persistence is mandatory. Which of the following computer-based systems is most suitable when there is a need for data persistency?

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

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Online Exams

Sri Lanka Institute of Information Technology

What is the **incorrect** statement about the Standalone system?

Select one:

- a. Standalone applications must be installed on each client system.
- b. Standalone ~~systems~~ doesn't necessarily need a network connection to function.
- c. Standalone applications always need a Web browser to run.
- d. Google Chrome, Notepad++ and Adobe Photoshop are examples for Standalone systems.
- e. If multiple technologies are used to develop a Standalone system; they shouldn't be loosely coupled.

Next page

Question 25

Not yet answered

Marked out of
1.00

 Flag question

Math.random() returns.

Select one:

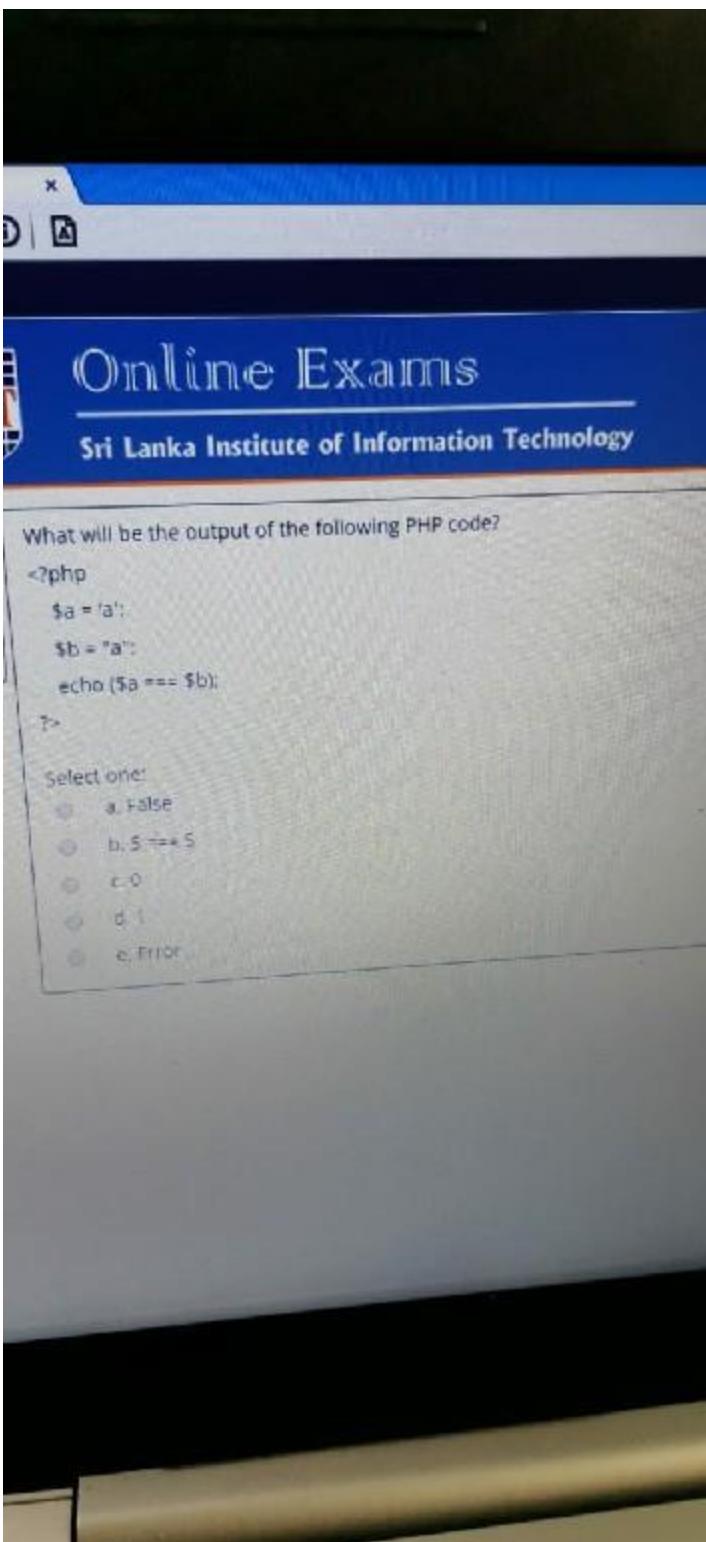
- a. Run time error
- b. random number between 0 and 1
- c. random number between 0 and 1000
- d. random number between 0 and 100
- e. random number that can be any value

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 Quiz nav

 it1995855
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Online Exams

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Question 57

Not yet answered

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1.00

Flag question

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

Select one:

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

[Next page](#)



Online Exams

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In the context of storing data in a system, Data Persistence is mandatory. Which of the following computer-based systems is most suitable when there is a need for data persistency?

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

Submit

tion 28
yet answered
Marked out of
Flag question

A system has three classes, **Student**, **WeekendStudent** and **WeekdayStudent**. **WeekendStudent** class and **WeekdayStudent** are child classes of the **Student** class. Select the correct UML notation for **Student** class.

Select one:

Student
id : int
+ setID (id : int) : void
+ getID() : int

a. Student
id : int
+ setID (id : int) : void
+ getID() : int

b. Student
int : id
-int : id
+ setID (int : id) : void
-getID() : int

c. Student
-int : id
+ setID (int : id) : void
+ getID() : int

d.

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Sri Lanka Institute of Information Technology

Question 60
Not yet answered
Marked out of 1.00
Flag question

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

Select one:

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

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Quiz navigation
It19958552 Set
It19958552

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**Question 19**

Not yet answered

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Flag question

What is the tag used to display an image in an HTML page?

Select one:

- a.
- b. image
- c. picture
- d. src
- e. img name

Next pa

 Online Exams

Sri Lanka Institute of Information Technology

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

on 32

et answered

ed out of

rag question

The way a relationship is built in Association is,

Select one:

- a. Through constructor
- b. Through the objects of classes
- c. Through destructor
- d. Through class Names



Online Exams

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ered
of
stion

Which among the following is a correct way to open a Hyperlink in new tab?

Select one:

- a.
- b.
- c.
- d.
- e.

Next page

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

Select one:

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



[Next page](#)

Question 15

Not yet answered
Marked out of
1.00

[Flag question](#)

Which is the correct way of submitting a form.

Select one:

- a.

```
<form method="/action_page.php">
Name: <input type="text" name="name">
<input type="submit">
</form>
```
- b.

```
<form action="/action_page.php">
Name: <input type="text" name="name">
<input name="submit">
</form>
```
- c.

```
<form action="/action_page.php">
Name: <input type="text" name="name">
<button name="submit">
</form>
```
- d.

```
<form action="/action_page.php">
Name: <input type="text" name="name">
<button type="submit">
</form>
```
- e. None of the above

[Answer](#)

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Consider following statements.

A) Virtual functions support dynamic polymorphism
B) Virtual functions must be non-static member function of the class
C) Constructor Functions cannot be virtual

Select one:

a. Only A is incorrect
b. A and B are correct.
c. A, B and C are correct.
d. B and C are incorrect.

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Pure Virtual function can be written as

Select one:

- a. void virtual show()=0
- b. void virtual show()==0
- c. virtual void show()=0
- d. virtual void show()==0

SLIT

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Question 25
Not yet answered
Marked out of 1.00
[Flag question](#)

In C++ , abstract class can have

Select one:

- a. Pure virtual function
- b. Non-virtual function
- c. Only pure virtual function
- d. Both pure virtual and non-virtual function

The screenshot shows a computer monitor displaying the Sri Lanka Institute of Information Technology (SLIIT) Online Exams system. The interface includes a header with the SLIIT logo and the text "Online Exams" and "Sri Lanka Institute of Information Technology". A navigation bar on the right is titled "Quiz navigation" and contains a grid of numbered buttons from 1 to 45, with button 40 highlighted in red. The main content area displays Question 60, which asks: "_____ cryptography is based on publicly known mathematically designed algorithms to encrypt the information." Below the question are five multiple-choice options: a. Modern, b. Classic, c. Primitive, d. New, e. Traditional. To the left of the question, there is a box indicating it is "Not yet answered" and has been "Marked out of 1.00". A "Flag question" link is also present. At the bottom right of the main content area, there is a "Next page" button.



Online Exams

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Question 39

Not yet answered

Marked out of
1.00

Flag question

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

Select one:

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

Question 39

Not yet answered

Marked out of
1.00

Flag question

What will be the output of the following PHP code?

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

Select one:

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



Online EXamnus

Sri Lanka Institute of Information Technology

Question 31

Not yet answered

Marked out of
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Flag question

Select one:

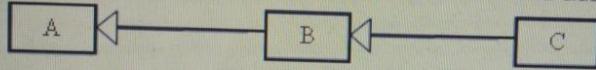
- a. C2C
- b. C2B
- c. B2C
- d. U2U
- e. B2B

**Question 27**

Not yet answered

Marked out of
1.00[Flag question](#)

Select the **incorrect** statement for class A, class B and class C given below.



Select one:

- a. Class B inherits the properties of class C.
- b. Class C inherits the properties of class B.
- c. Class B inherits properties of class A.
- d. Class C inherits the properties of class A.

Question 41

Not yet answered

Marked out of
1.00[Flag question](#)

What will be the output of the following PHP code?

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

Select one:

- a. I like paratal like milkrice
- b. I like milkricel like apples
- c. indiesrilankaausl
- d. I like paratal like milkricel like apples
- e. I like parata and milkrice

[Next page](#)

 Online Exams

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_____ is the mathematical procedure or algorithm which produces a cipher-text for any specified plaintext input.

Select one:

- a. Cracking Algorithm
- b. Encryption Algorithm
- c. Decryption Algorithm
- d. Hashing Algorithm
- e. Turing Algorithm

[Next page](#)

 Online Exams

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Buy-side e-commerce is different from sell-side e-commerce in that it involves:

Select one:

- a. Any electronically mediated communication between an organization and its stakeholders
- b. An organization using electronic media to sell direct to its customers
- c. The use of electronic communications for all business processes
- d. An organization using electronic media to purchase from its suppliers
- e. None of the above

[Next page](#)

Question 17

Not yet answered

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1.00

▼ Flag question

What is the output of following code?

```
var a = 10;  
var b = 0;   
document.write(a/b);
```

Select one:

- a. 0 is printed
- b. infinity is printed
- c. 10
- d. Some Garbage Value
- e. Nothing is printed



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Question 50

Not yet answered

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Consider the following multiplicity indicators and their meanings.

Indicator	Meaning
A. 0..1	Zero or one
B. n..m	Between n and m
C. 0..*	Zero or none
D. 1..2	One or two
E. 0..1, 4..7	Zero or one, or between 4 and 7 inclusive

Which of the above are correct?

Select one:

- a. A and C
- b. A, B and C
- c. A, B, C and D
- d. All of the above

Question 53

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

Quiz navigation

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R19958248

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Finish attempt --

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Question 26

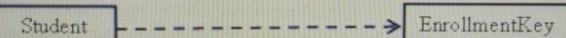
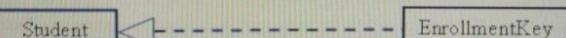
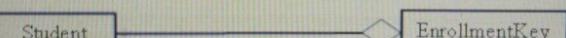
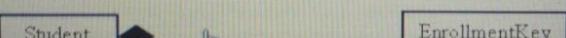
Not yet answered

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Flag question

Select the most correct diagram to show the relationship of **Student** class and **EnrollmentKey** class.

Select one:

- a. 
- b. 
- c. 
- d. 



Sri Lanka Institute of Information Technology

8

answered

out of

question

Which of the following is the correct CSS syntax?

Select one:

- a. p:color=green, font-size=15px
- b. {p:color=green, font-size=15px}
- c. p {color:green, font-size:15px;}
- d. p{Color:green; font-size:15px;}
- e. None of the above

SLIT

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Question 43
Not yet answered
Marked out of 1.00
[Flag question](#)

A system is designed to assign topics for assignment groups. Each group consist of 4 or 5 group members. Developers of the system have identified Topic class, Group class and GroupMember class as the classes in this system. Select the most correct relationship for Group class and GroupMember class.

Select one:

- a. Composition
- b. Inheritance
- c. Dependency
- d. Association

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SLIT

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24
answered
1 out of
[Flag question](#)

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 true
- 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 false .
- d. The code inside a do...while loop will always be executed at least once, even if the condition is false .
- e. The code inside a while loop will always be executed at least once, even if the condition is true .

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Moodle

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Question 59
Not yet answered
Marked out of 1.00
 Flag question

Select the correct class diagram for the following scenario.
An Airline issues Tickets for passengers. A passenger is a Person who travels on Airline. A Person should own a Ticket to travel in the Airline.

Select one:

a.

b.

c.

d.

Next page

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Question 40
Not yet answered
Marked out of 1.00
 Flag question

What will be the output of the following PHP code?

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

Select one:

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

Previous

Quiz results

Question 18

Not yet answered

Marked out of
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* Flag 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 = array();
- d. var myArray = [];
- e. var myArray = {};

≡ Quiz

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Question 55

Not yet answered

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

Next page

Moodle

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Question 56

Not yet answered

Marked out of
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Flag question

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

Select one:

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

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2

3

4

5



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Sri Lanka Institute of Information Technology

Q29

Answered
1 out of
1 question

What is the difference between margins and padding?

Select one:

- a. padding adds whitespace inside the border and margins add whitespace outside
- b. margins add whitespace and padding increases the border size
- c. there is no difference
- d. margins add whitespace inside the border and padding adds whitespace outside
- e. padding adds whitespace and margins increase the border size

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Which of the following statement is TRUE about composition?

Select one:

- a. Compositions are typically implemented via normal member variables, or by pointers where the class manages all the memory allocation and de-allocation.
- b. Exists when a member of a class has a part-of relationship with the class.
- c. The class manages the existence of the members.
- d. All of the above

Next page

Question 22
Not yet answered
Marked out of 0
Flag question

Consider Following code. Complete CSS to display squares instead of bullets is

```
<ul style=".....">
<li>Coffee</li>
<li>Tea</li>
<li>Milk</li>
</ul>
```

Select one:

- a. list-style-type:square
- b. list-style:square
- c. list-style-type:squares
- d. a. and b. answers
- e. None of the above

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Question 11

Not yet answered
Marked out of 1.00

Flag question

What is the output of following javascript?

```
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

Quiz navigat

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Question 41

Not yet answered
Marked out of 1.00

Flag question

What will be the output of the following PHP code?

```
<?php
$user = array("IWT", "SPM", "OOC", "ISDM");
for ($x=0; $x < count($user); $x++) {
    if ($user[$x] == "OOC")
        continue;
    printf ($user[$x]);
}
?>
```

Select one:

- a. IWTSPMOOC
- b. IWTSPMOOCISDM
- c. IWTSPMOOCIWTSPMOOC
- d. IWTSPMISDMIWTSPMISDM
- e. IWTSPMISDM

Quiz

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40 unanswered questions

What will be the output of the following PHP code?

```
<?php  
$a = "Sri" //0% spaces  
$a = "Lanka";  
echo "%a";  
?>
```

Select one:

- a. Lankas
- b. Sri
- c. Sri_Lanka
- d. SriLanka
- e. Sri_LANKA

```
<Style>
body{color:blue}
.mystyle {color:red}
#mystyle2 {color:red}
#mystyle3 {color:green}
divclass {font-size:15px;color:yellow}
h2{color:red}

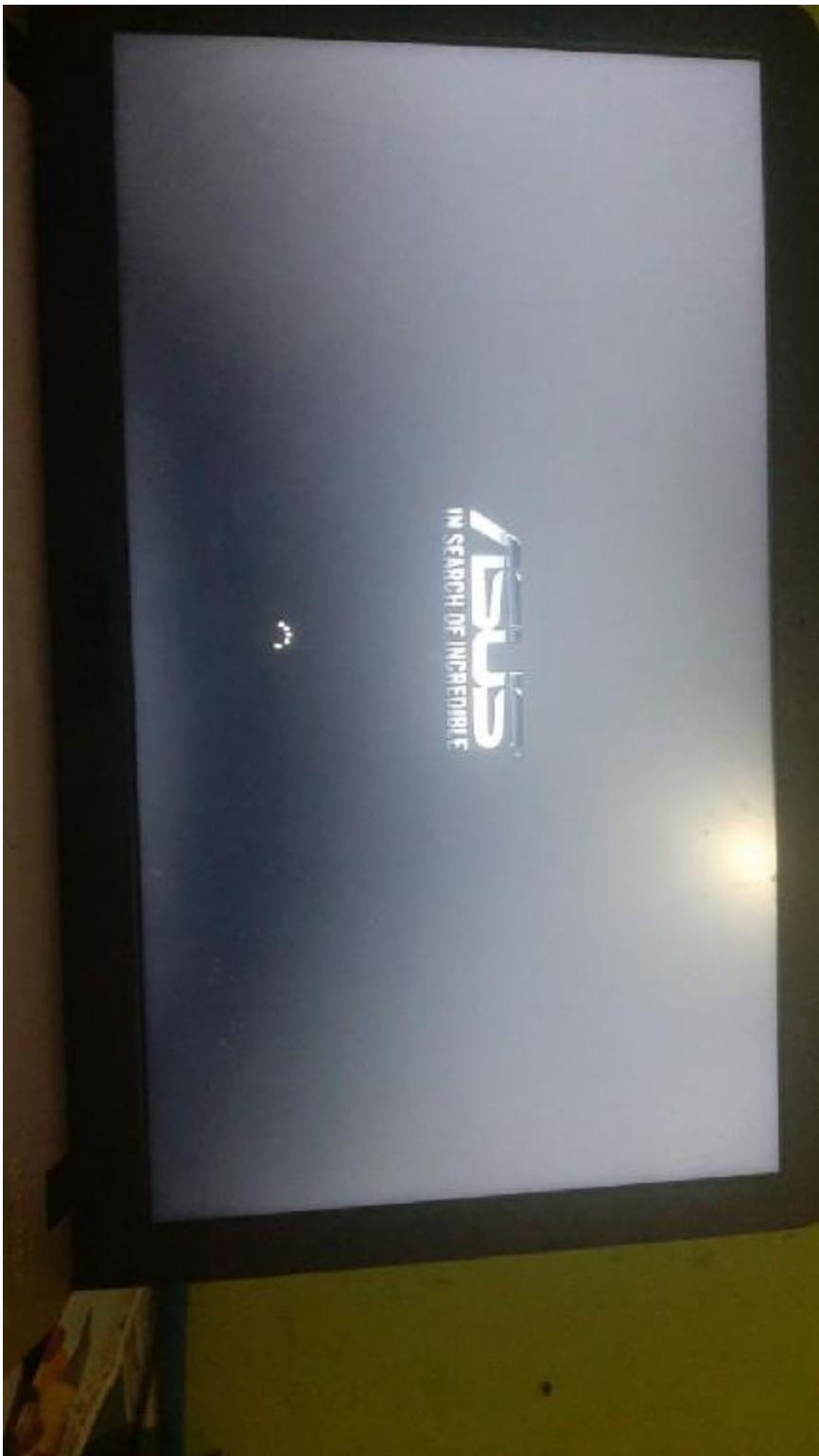
</Style>
<head>
<title>
<h1>Title One</h1>
<h2>Title 02</h2>
<h2>Title 03</h2>
</body>
</html>
```

What's the font color of Title1, Title2 and Title3?

Selection:

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

Correct
Times up!



Moodle

← → X C | ⓘ A

Online Exams

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Question 38

Not yet answered
Marked out of 1.00

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. 25
- d. 2510
- e. 10

**Question 31**

Not yet answered

Marked out of
1.00

A small downward-pointing triangle icon followed by the text "Flag question".

What is the keyword that used before a function in a base class to be overridden in derived class in C++ ?

Select one:

- a. override
- b. virtual
- c. void
- d. none

Moodle

Not yet answered
Marked out of 1.00
Flag question

```
<table>
<tr>
<td>jill Smith</td>
<td>50</td>
</tr>
</table>
```

Select one:

a.

```
<tr>
<td>Name</td>
<td>Age</td>
</tr>
```

b.

```
<th>
<td>Name</td>
<td>Age</td>
</th>
```

c.

```
<tr>
<th>Name</th>
<th>Age</th>
</tr>
```

d.

```
<tr>
<th>Age</th>
<th>Name</th>
</tr>
```

e.

```
<tr>
```

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Question 56

Not yet answered

Marked out of 1.00

Flag question

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

Select one:

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

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Quiz navigation

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Question 17

Not yet answered

Marked out of 1.00

Flag question

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 format.
- d. All of the above.
- e. None of the above

Next page

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Sri Lanka Institute of Information Technology

Question 54

Not answered

1 out of 1 mark

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



Online Exams

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

```

```

Select one:

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

Consider following statements.

- A) Virtual functions support dynamic polymorphism
- B) Virtual functions must be non-static member function of the class
- C) Constructor Functions cannot be virtual

Select one:

- a. Only A is incorrect.
- b. A and B are correct.
- c. A, B and C are correct.
- d. B and C are incorrect.

Question 55

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



Ques 38

1 per answered
1 out of 1

Flag question

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. Error
- d. 3
- e. 1+2



Online Exams

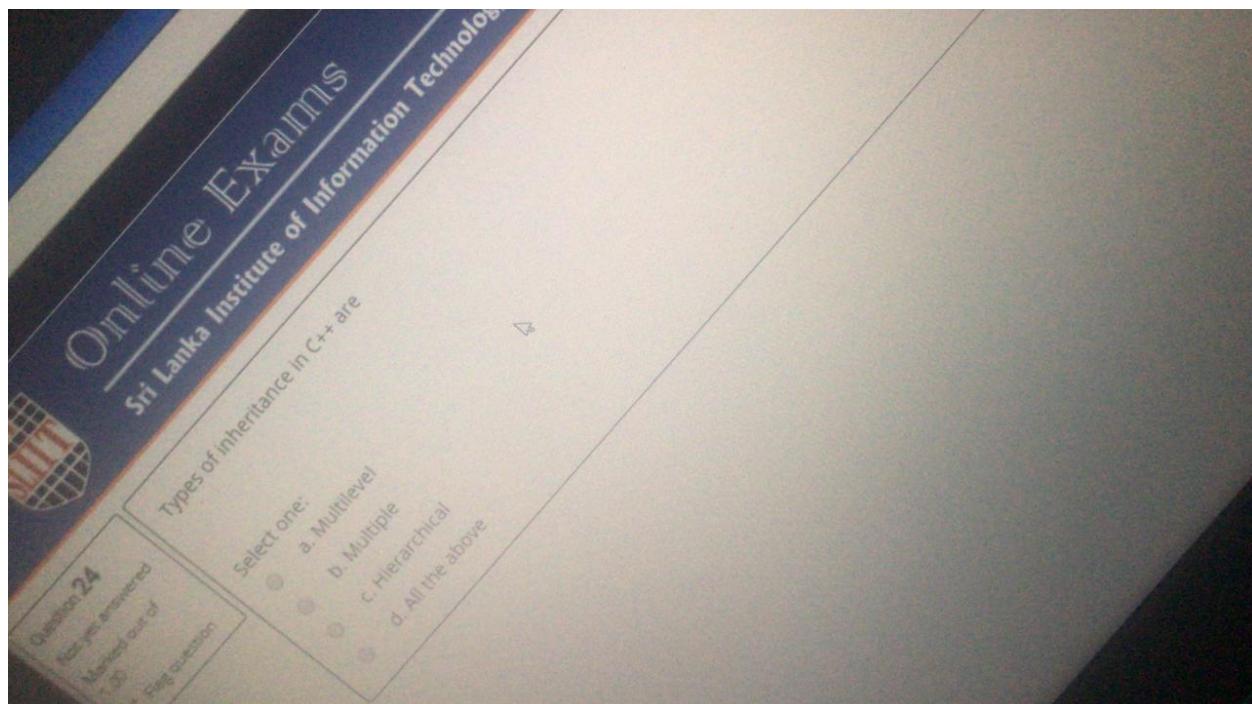
Sri Lanka Institute of Information Technology

Q29
Answered
Type of
Response

What is the difference between margins and padding?

Select one:

- a. padding adds whitespace inside the border and margins add whitespace outside
- b. margins add whitespace and padding increases the border size
- c. there is no difference
- d. margins add whitespace inside the border and padding adds whitespace outside
- e. padding adds whitespace and margins increase the border size

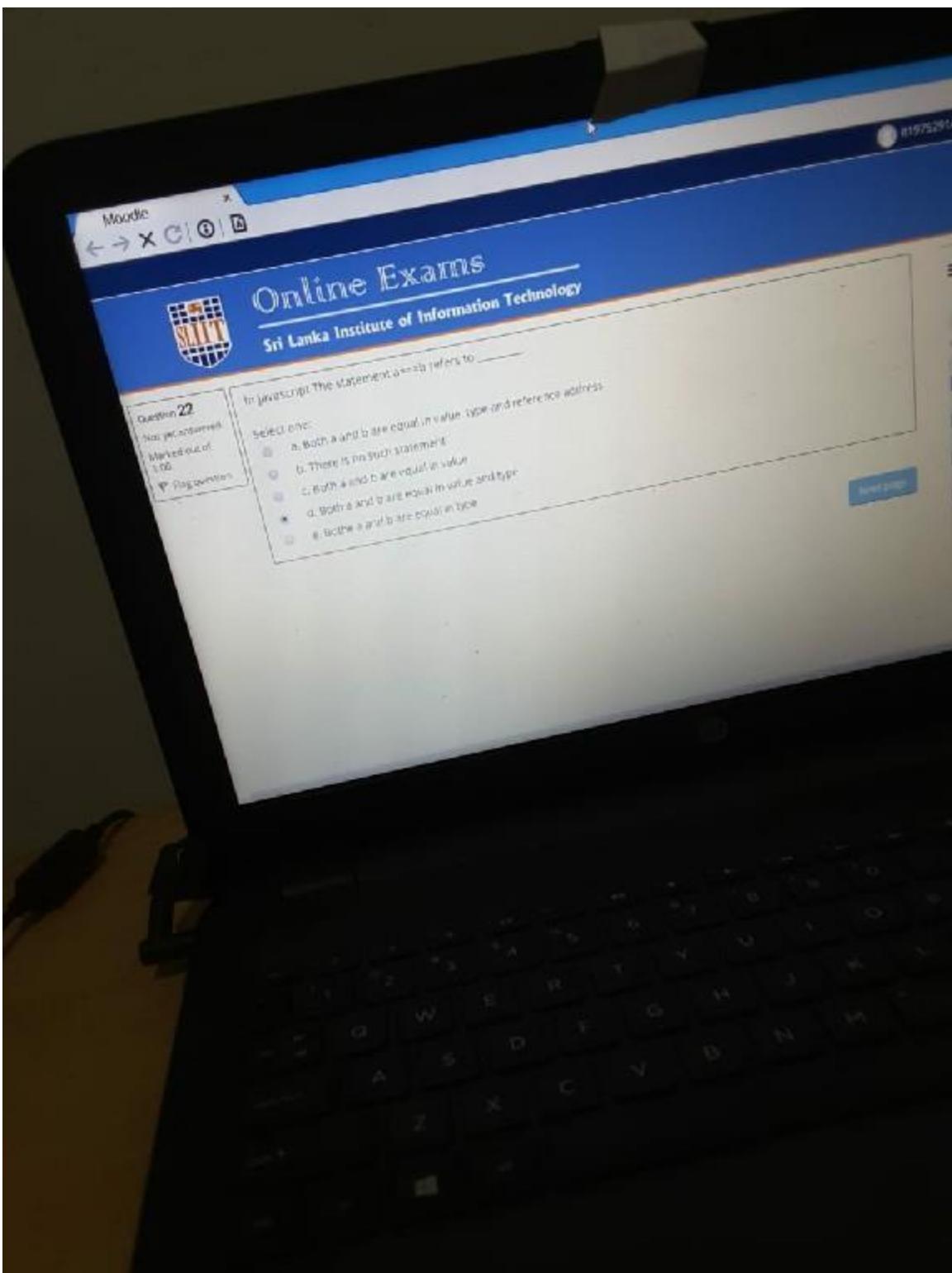


Question 47
Not yet answered
Marked out of 1.00
Flag question

How to define a function in PHP?

Select one:

- a. data type functionName(parameters) {function body}
- b. function {function body}
- c. functionName(parameters) {function body}
- d. return function functionName(parameters) {function body}
- e. function functionName(parameters) {function body}



Question 16
Not yet answered
Marked out of 1.00
[Flag question](#)

What is the output of following code ?

```
var message="Hello JS";
document.write(message);
```

Select one:

- a. "Hello JS" will be printed multiple times
- b. Nothing Will be printed.
- c. It will crash browser since No Error handler is provided).
- d. Hello JS In an alert box
- e. Hello JS

[Next page](#)

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Question 16
Not yet answered
Marked out of 1.00
[Flag question](#)

What is the tag use to display an image in a html page?

Select one:

- a. img name
- b. image
- c. picture
- d. src
- e. img

[Next page](#)

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46	47	48	49	50
51	52	53	54	55
56	57	58	59	60

Moodle X C/①/②

Question 22
Not yet answered
Marked out of 1.00
Flag question

Online Exams

Sri Lanka Institute of Information Technology

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

Select one:

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

Online Exams

Sri Lanka Institute of Information Technology

How you change the text color of the <p> element to "green",
<p id="demo"> </p>

Select one:

- a. document.getElementById("demo").style .Color = " green ";
- b. document.getElementById("demo").style .Fontcolor = " green ";
- c. document.getElementById("demo").style .color = "green";
- d. document.getElementByP("demo").style .color = "green ";
- e. document.getElementById("demo").color = " green ";

Moodle

Online Exams

Sri Lanka Institute of Information Technology

Question 37

Not yet answered

Marked out of 1.00

Flag question

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

Select one:

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

Next page

it199

it199

1

7

14

21

28

35

The screenshot shows a web browser window with the following content:

Online Exams
Sri Lanka Institute of Information Technology

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;
```

2>

Select one:

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

Google Cloud Platform

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Sri Lanka Institute of Information Technology

Question 21
Not yet answered
Marked out of 1.00
 Flag question

Which among the following is a correct way to open a Hyperlink in new tab?

Select one:

- a.
- b.
- c.
- d.
- e.

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Question 57
Not yet answered
Marked out of 1.00
 Flag question

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

Select one:

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

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? : 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. 12
- b. 1
- c. 5
- d. Error

[Next page](#)

```
<Style>
body{color:blue}
.mystyle {color:red}
#mystyle2 {color:red}
#mystyle3 {color:green}
divclass {font-size:15px;color:red}
h2{color:red}

</Style>
<head>
<title>
<h1>Title One</h1>
<h2>Title 02</h2>
<h2>Title 03</h2>
</body>
</html>
```

What's the font color of Title1, Title2 and Title3?

Selection:

- a) red, red, blue
- b) blue, blue, red
- c) blue, red, red
- d) blue, red, blue

ANSWER

TYPE

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

Select one:

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



Sri Lanka Institute of Information Technology

Question 58

Not yet answered

Marked out of
1.00

Flag question

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

Select one:

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

Next page

Online Exams

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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. 13
- b. 12
- c. 111
- d. 103
- e. 000

Question 50

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. iii) and iv)
- e. ii), iii) and iv)

[Next page](#)



Online EXamnS

Sri Lanka Institute of Information Technology

Question 31

Which type of e-commerce focuses on consumers dealing with each other?

Not yet answered

Marked out of

1.00

Select one:

- a. C2C
- b. C2B
- c. B2C
- d. U2U
- e. B2B

Flag question

 Sri Lanka Institute of Information Technology

Question 15
Not yet answered
Marked out of 1.00

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

 Online Exams
Sri Lanka Institute of Information Technology

Question 52
Not yet answered
Marked out of 1.00

```
graph TD; Tutor --> Student; Tutor --> Employee
```

What is correct about the above diagram ?

Select one:

- a. Tutor is the super class of Student and Employee.
- b. Student and Employee classes are derived from Tutor.
- c. Student and Employee classes have common properties.
- d. Tutor is a Student as well as an Employee.

**Question 22**

Not yet answered

Marked out of
1.00

Flag question

What is the output of following code ?

```
var message="Hello JS";
document.write(Message);
```

Select one:

- a. Hello JS
- b. It will crash browser since No Error handler is provided).
- c. Hello JS in an alert box
- d. "Hello JS" will be printed multiple times
- e. Nothing Will be printed.



Online Exams

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28

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

```

```

Select one:

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

Kamala Institute of Information Technology

Question 28
Not yet answered
Marked out of 1.00
[Flag question](#)

Select the correct among the following for linking an external style sheet.

Select one:

- a. .<link href="style.css">stylesheet</link>
- b. .<link>stylesheet</link>
- c. .<href rel="stylesheet" type="text/css" href="style.css">
- d. .<link rel="stylesheet" type="text/css" href="style.css">
- e. .<style rel="stylesheet" type="text/css" href="style.css">

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Quiz n
it19958552
1 1
7 8
14 15
21 22
28 29
35 36
42 43
49 50

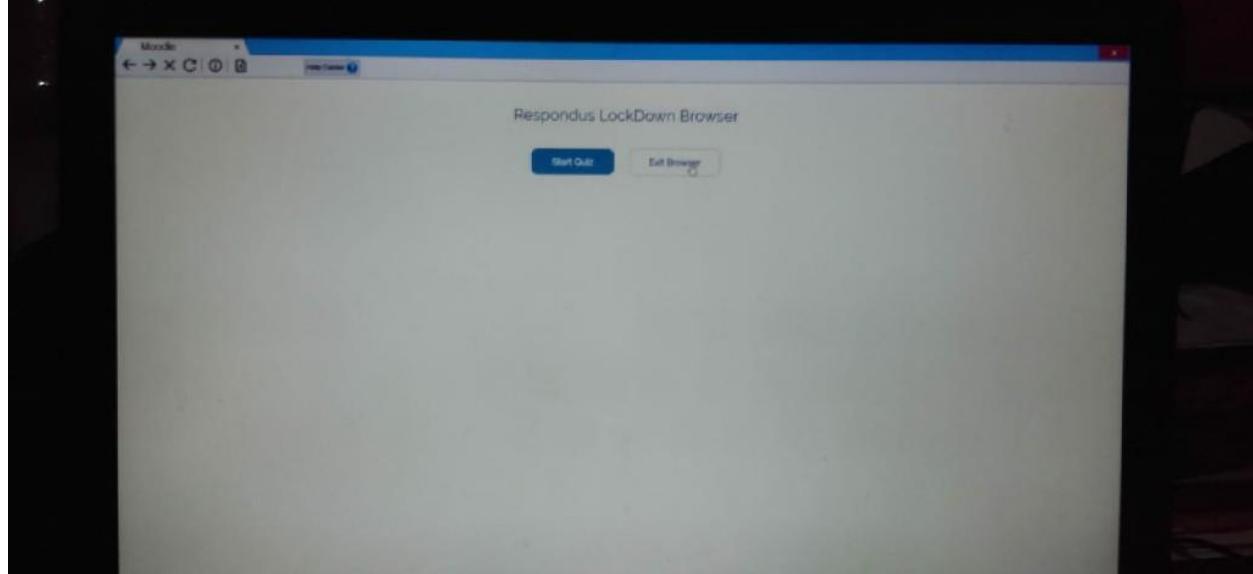
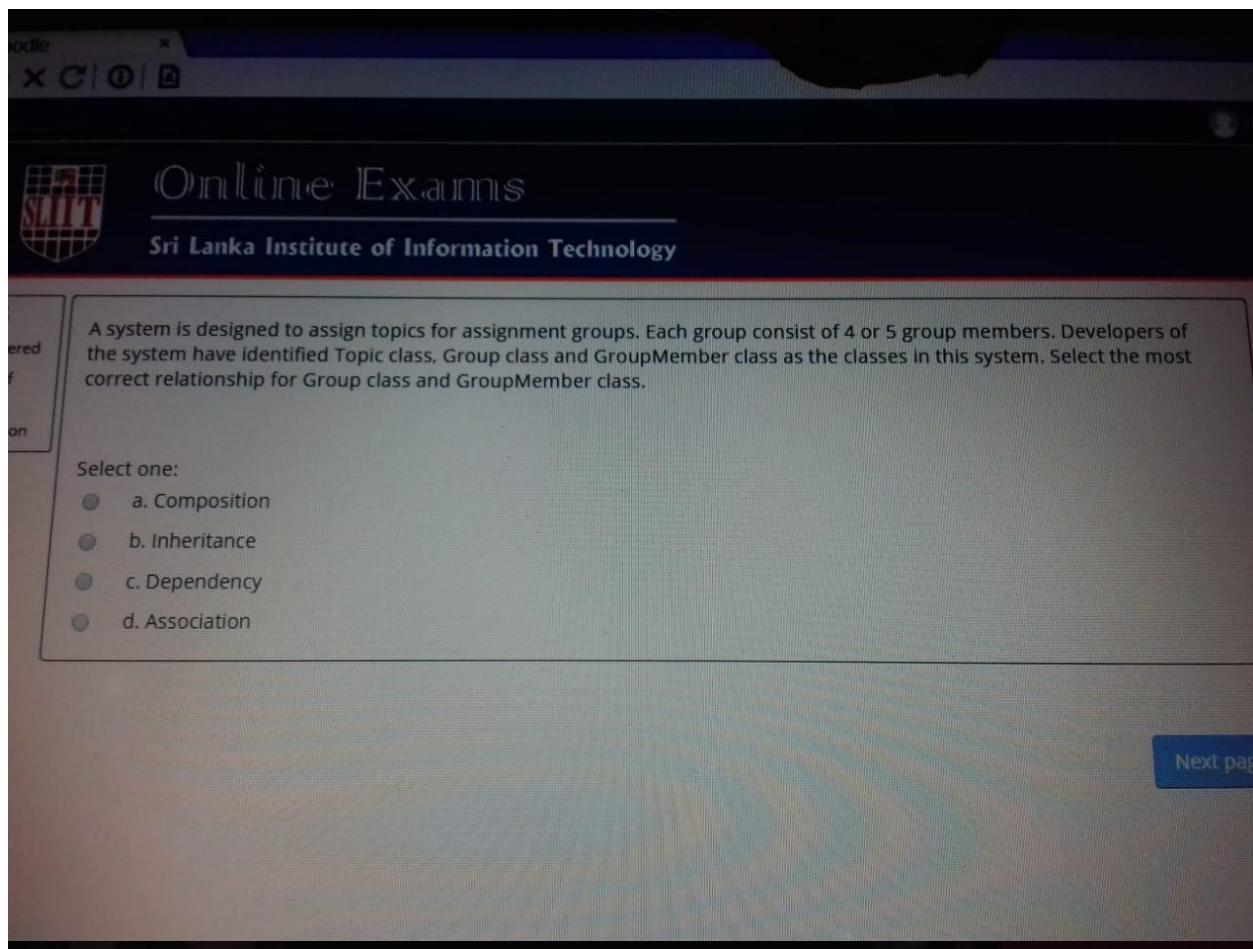
Question 52
Not yet answered
Marked out of 1.00
[Flag question](#)

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



The screenshot shows a web browser window with a blue header bar. The header contains the text "Online Exams" and "Sri Lanka Institute of Information Technology". Below the header, there is a question and several multiple-choice options.

What is the output of following code ?

```
var message="Hello JS";
document.write(Message);
```

Select one:

- a. Hello JS
- b. "Hello JS" will be printed multiple times
- c. It will crash browser since No Error handler is provided)
- d. Nothing Will be printed.
- e. Hello JS in an alert box

Moodle

← → × C | ① ②

Online Exams

Sri Lanka Institute of Information Technology

Question 20

1 answer(s) permitted

Marked out of 1.00

Flag question

If "padding: 10px 5px 20px 0px;" is given. What does this represent?

Select one:

- a. bottom:10px, left:5px, top:20px, right:0px
- b. left:10px, top:5px, right:20px, bottom:0px
- c. top:10px, bottom:5px, right:20px, left:0px
- d. right:10px, bottom:5px, left:20px, top:0px
- e. top:10px, right:5px, bottom:20px, left:0px

Question 17

Not yet answered

Marked out of
1.00

▼ Flag question

What is the output of following code?

```
var a = 10;  
var b = 0;   
document.write(a/b);
```

Select one:

- a. 0 is printed
- b. infinity is printed
- c. 10
- d. Some Garbage Value
- e. Nothing is printed

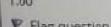


Online Exams

Sri Lanka Institute of Information Technology

Question 9

Not yet answered
Marked out of 1.00



Some commonly used abbreviations are given below, select the incorrect abbreviation.

Select one:

- a. FTP: File Transform Protocol
- b. ARP: Address Resolution Protocol
- c. TCP: Transmission control protocol
- d. IP: Internet Protocol
- e. HTTP: Hyper Text Transfer Protocol

Quiz navigation

it19958552 Senanaya
it19958552

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Moodle

Marked out of 1.00

Flag question

```
<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>
```

which class/classes can make the h1 element red?

Select one or more:

a. mystyle2
 b. mystyle
 c. h2.
 d. None of the above
 e. divclass



Moodle

← → X C | i | A

 Sri Lanka Institute of Information Technology

Online Exams

Section 16
16 questions answered
16 out of 16
Question

Which of the following is a declaration for a HTML5 document?

Select one:

- a. <html>.....</html>
- b. <!DOCTYPE Html>
- c. <body>.....</body>
- d. <!DOCTYPE Html5>
- e. None of the above



Question 25

Not yet answered
Marked out of
1.00

Flag question

Math.random() returns.

Select one:

- a. random number between 0 and 1000
- b. random number that can be any value
- c. random number between 0 and 100
- d. Run time error
- e. random number between 0 and 1

Quiz

25/812
119173764

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

100% completed

Time: 22:11:05

Submit answer



Online Exams

Sri Lanka Institute of Information Technology

119
≡ Qu

Ques 13
un-answered
mark out of
2

The _____ attribute specifies an inline style associated with an element, which determines the rendering of the affected element.

Select one:

- a. dir
- b. class
- c. style
- d. href
- e. article

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Question 12

Not yet answered

Marked out of
1.00

 Flag question

What is the output of following code ?

```
var message="Hello JS";
document.write(Message);
```

Select one:

- a. It will crash browser since No Error handler is provided).
- b. Nothing Will be printed.
- c. Hello JS
- d. "Hello JS" will be printed multiple times
- e. Hello JS in an alert box

[Next page](#)



Online Exams

Sri Lanka Institute of Information Technology

In the context of storing data in a system, Data Persistence is mandatory. Which of the following computer-based systems is most suitable when there is a need for data persistency?

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

Submit

a) Write a PHP code ("createReport.php") to generate the required report shows in "Figure 03".

- Do not use the TAB key while you type in the answer box as it may go to the next Question



HOW TO
Tabs
Dropdowns
Accordions
Side Navigation
Modal Boxes
Progress Bars
Parallax
Logout Form
HTML Includes
Google Maps
Range Sliders
Tutorials
425 KB
13/7/2018

```
$sql="select * from attendencetable";
$result=mysqli_query($conn,$sql)

// Fetch each row and extract attendance for the given semester

$result=$conn->query($sql);

if($result->num_rows>0)
echo("<table><tr><th>StudentID</td><th>StudentName</th><th>W/T</th><th>ISDM</th><th>SPM</th><th>OOC</th></tr>");
while($row=$result->fetch_assoc()){
echo $row["StudentID"].".". $row["StudentName"].".". $row["W/T"].".". $row["ISDM"].".". $row["SPM"].".". $row["OOC"]."<br/>";
}
```

- Do not use the TAB key while you type in the answer box as it may go to the next Question



```
echo "connected successfully";

// Query all data from the attendance table
$sql="select * from attendancetable";
$result=mysqli_query($conn,$sql)

// Fetch each row and extract attendance for the given semester
$result=$conn->query($sql);
if($result->num_rows>0)
echo("<table><tr><th>StudentID</td><th>StudentName</th><th>IWT</th><th>ISDM</th><th>SPM</th><th>OOC</th></tr>");
echo"<tr><td>
```

Please type in the answer box as it may go to the next Question

```
A ▾ B I Ⓜ Ⓝ Ⓞ Ⓟ Ⓠ
username - >root,
password - >root

$conn=new mysqli($servername,$username,$password,$dbname);

// Check database connection on related errors
if($conn->connect_error){
    die("connection failed:".$conn->connect_error);
}

echo "connected successfully";

// Query all data from the attendance table
$sql="select * from attendancetabla";
```

- Do not use the TAB key while you type in the answer box as it may go to the next Question.

```
// Check database connection on related errors

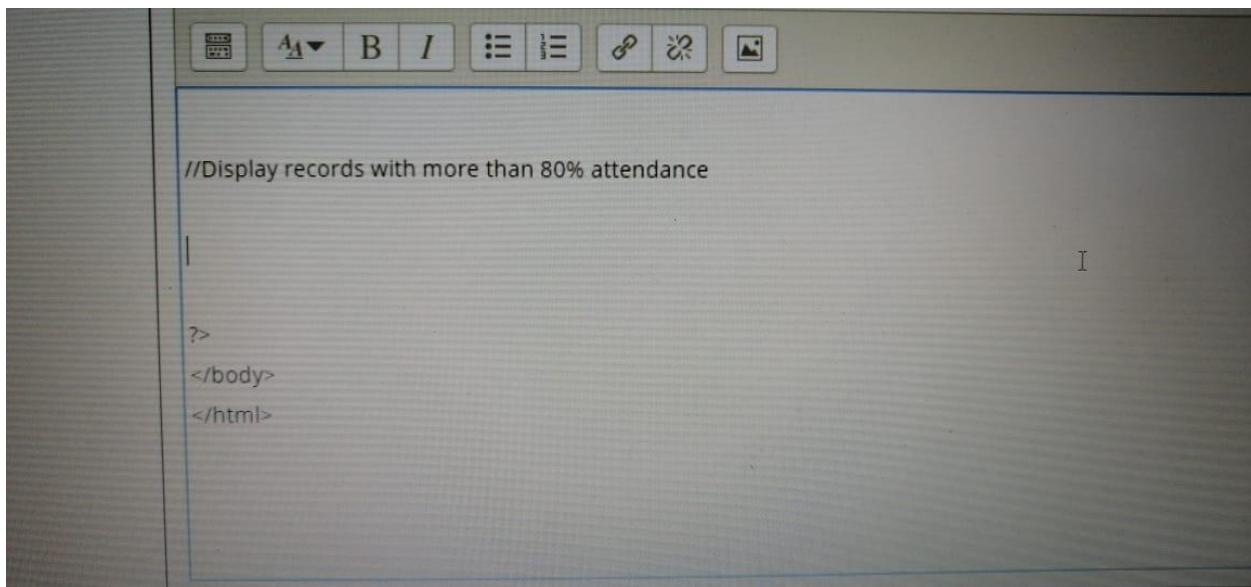
$conn=new mysqli($servername,$username,$password,$dbname);

// include database connection related code (without using external php file) here

<?php

$servername="localhost";
$username="root";
$password="user321";
$dbname="school";

</head>
<body>
```



The screenshot shows a code editor window with a dark background. At the top, there is a toolbar with several icons: a document icon, a bold/italicize dropdown, a bold button, an italic button, a font size dropdown, a font color dropdown, a font style dropdown, a font type dropdown, and a picture icon.

The main area contains the following VBScript code:

```
//Display records with more than 80% attendance

?>
</body>
</html>
```

Part A

You are asked to draw a multiplication table (*Figure 01*) using HTML and JavaScript. Complete the following steps (a – d). Write your answers (a-d).(codes) as one source code in the given space.

a) Write a HTML code to generate an interface to get two (02) user inputs, with a button as explained below.

Label--> How many rows for your multiplication table? Text Box

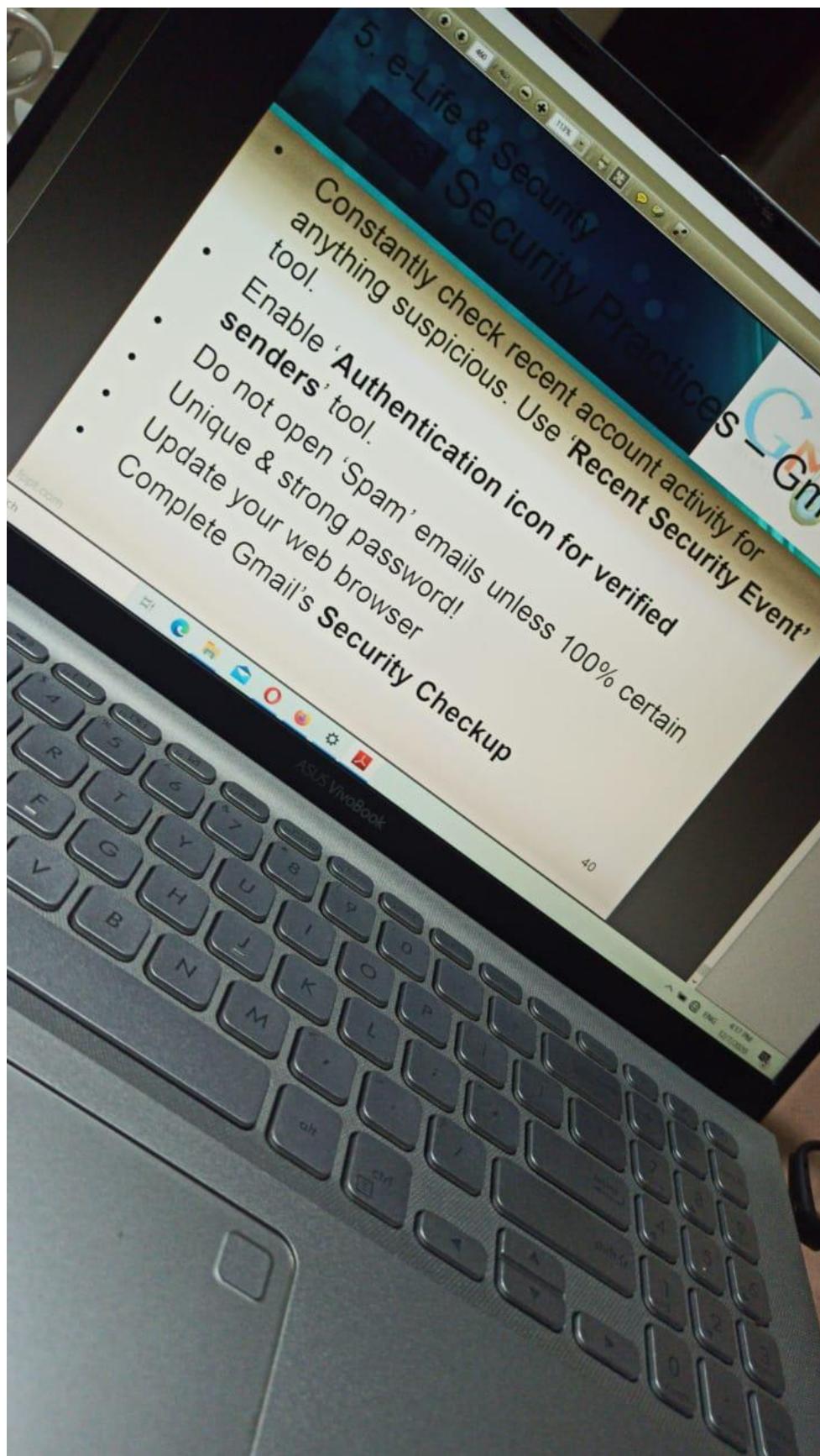
Label--> How many columns for your multiplication table? Text Box

Button ----> "Draw Multiplication Table"

b) Write a JavaScript function ("`createTable()`") to accept user inputs (columns and rows) through two text boxes.

c) Complete the JavaScript function ("`createTable()`") to generate the multiplication table and replace all the **odd values** in the multiplication table with "....." symbol shown below (*Figure 01*).

.....	2	4	6	8	10	12
2	4	6	8	10	12	14	16	18	20	22	24
.....	6	12	18	24	30	36
4	8	12	16	20	24	28	32	36	40	44	48
.....	10	20	30	40	50	60
6	12	18	24	30	36	42	48	54	60	66	72
.....	14	28	...	42	56	70	84
8	16	24	32	40	48	56	64	72	80	88	96
.....	18	36	54	72	90	108
10	20	30	40	50	60	70	80	90	100	110	120
.....	22	44	66	88	110	132



- Do not use the TAB key while you type in the answer box as it may go to the next Question

```
// Fetch each row and extract attendance for the given semester
if(
($result->num_rows){
while($row=n $result->fetch_assoc()){
$Stuid=$row['stuid'];
$stuName=$row['stuName'];
$ISDM=$row['ISDM'];
$IWT=$row['IWT'];
$SPM=$row['SPM'];
$OOC=$row['OOC'];
```

- Do not use the TAB key while you type in the answer box as it may go to the next Question

```
// Query all data from the attendance table
$sql ="select * from attendancetable";
$result= mysqli_query($conn,$sql)

// Fetch each row and extract attendance for the given semester
if(
($result->num_rows){
while($row=n $result->fetch_assoc())){
$Stuid=$row['stuid'];
$stuName=$row['stuName'];
$ISDM=$row['ISDM'];
```

```
<?php  
// Include database connection related code (without using external php file) here  
$servername="localhost";  
$database="school";  
$username="root";  
$password="user321";  
  
$conn= new mysqli($servername,$database,$username,$password);  
  
// Check database connection on related errors  
if($conn->connect_error){  
die("connection failed:". $conn->connect_error);
```

```
{  
echo "connection sucessfull";  
}  
// Query all data from the attendance table  
|  
$sql="SELECT * FROM attendance";  
$result = $conn->query($sql);
```

The image shows a computer monitor displaying an online examination system. The header of the page reads "Online Exams" and "Sri Lanka Institute of Information Technology". A question titled "Question 02" is displayed, asking for three security best practices for Gmail. Below the question is a text input field with a toolbar above it. The text input field contains the following text:

Security best practices :

1.

2.

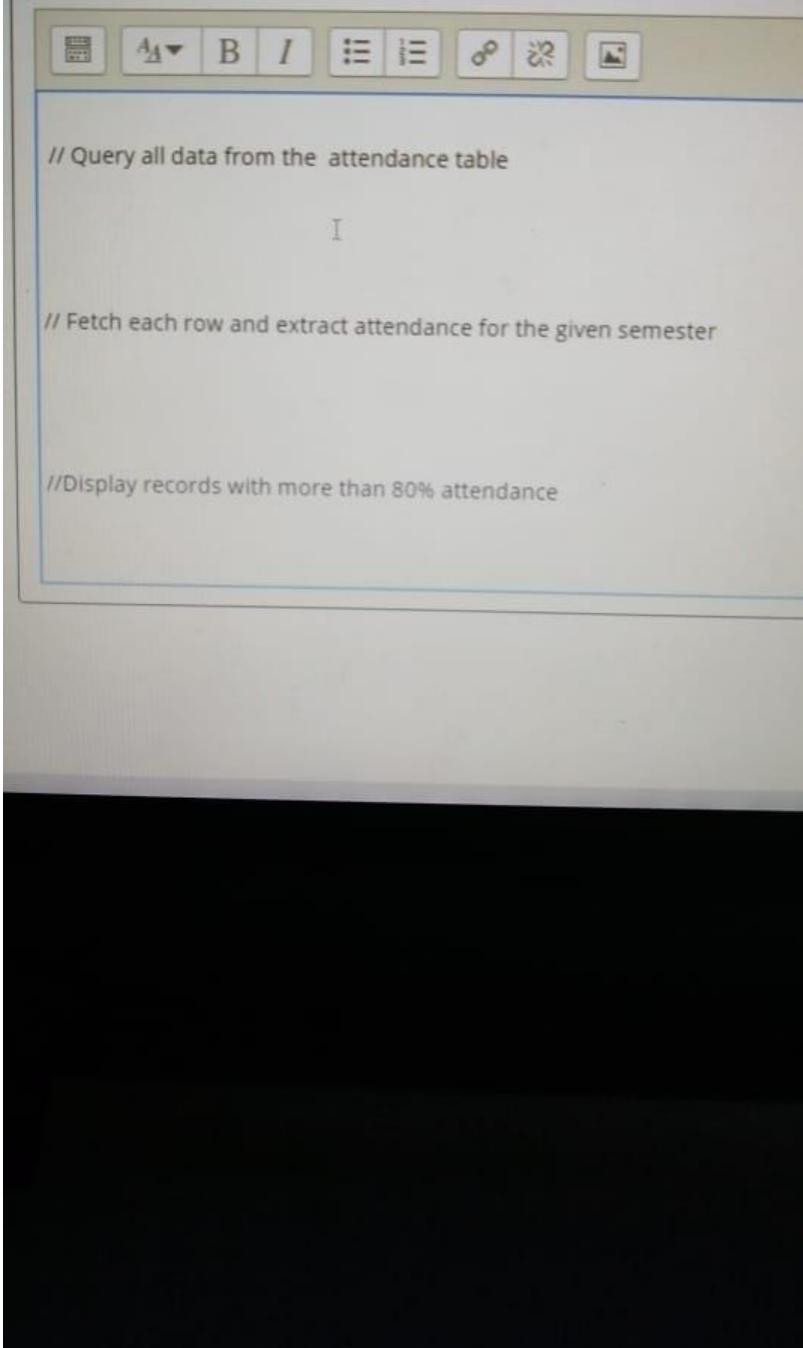
3.

3007	Nimal Fonseka	13
3004	Chaminda de Silva	12

Figure 03 – Manager's report (sample)

a) Write a PHP code ("createReport.php") to generate the required report.

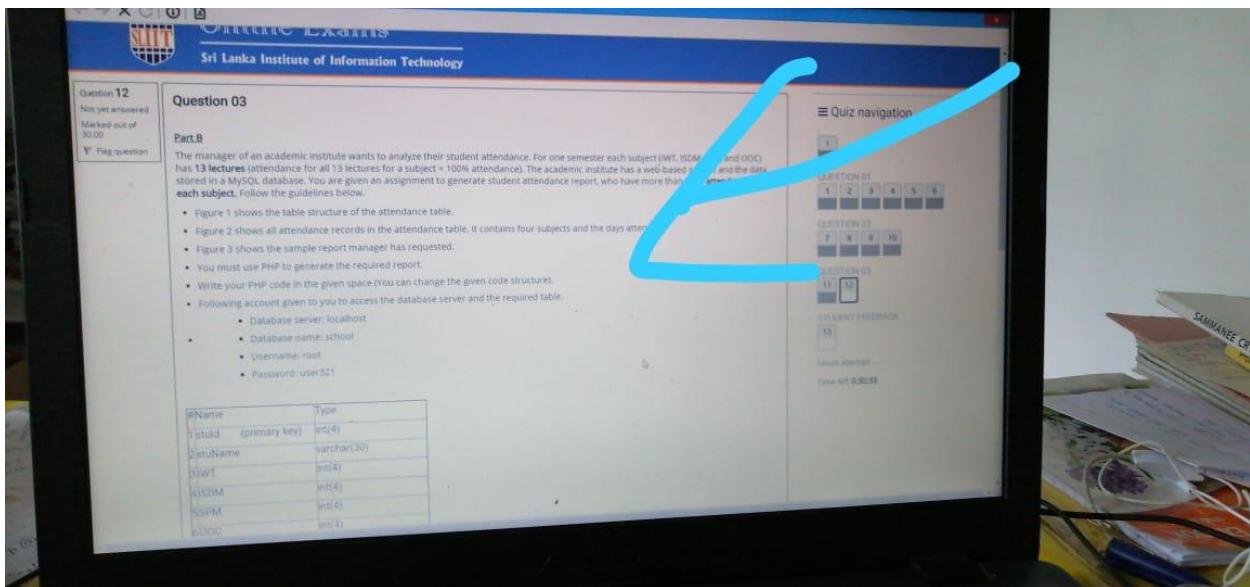
- Do not use the TAB key while you type in the answer box as it may give wrong output.



The screenshot shows a Microsoft Word document window. At the top, there is a toolbar with various icons for file operations, font size, bold, italic, and other document settings. Below the toolbar, the main content area contains the following PHP code:

```
// Query all data from the attendance table  
// Fetch each row and extract attendance for the given semester  
//Display records with more than 80% attendance
```

The code is intended to generate a manager's report by querying an attendance table, extracting data for a specific semester, and displaying records where attendance is above 80%. The code is written in a simple, readable style, likely for an assignment or exercise.



Question 12
Not yet answered
Marked out of 30.00
Flag question

Question 03

Part.B

The manager of an academic institute wants to analyze their student attendance. For one semester each subject (IWT, ISDM, SSPM, and OOC) has 13 lectures (attendance for all 13 lectures for a subject <= 100% attendance). The academic institute has a web-based system to store the attendance records. The system stores the attendance record for each student in a MySQL database. You are given an assignment to generate student attendance report, who have more than 90% attendance for each subject. Follow the guidelines below.

- Figure 1 shows the table structure of the attendance table.
- Figure 2 shows all attendance records in the attendance table. It contains four subjects and the days attended.
- Figure 3 shows the sample report manager has requested.
- You must use PHP to generate the required report.
- Write your PHP code in the given space (You can change the given code structure).
- Following account given to you to access the database server and the required table.
 - Database server: localhost
 - Database name: school
 - Username: root
 - Password: user521

#Name	Type
lstudentid	(primary key) int(4)
lattuName	varchar(20)
lIWT	int(4)
lISDM	int(4)
lSSPM	int(4)
lOOC	int(4)

3. E-commerce systems and forms

Disadvantages of e-commerce

- *To businesses*

- • – For physical items, storing and distributing is needed
- • – Need to update the system frequently
- • – Depends on the power and the internet
- •



SIT OFFICIAL EXAMINER
Sri Lanka Institute of Information Technology

Question 12
Not yet answered
Marked out of 30.00
Flag question

Question 03

Part.B

The manager of an academic institute wants to analyze their student attendance. For one semester each subject (IWT, ISDM, SPM and OOC) has 13 lectures (attendance for all 13 lectures for a subject < 100% attendance). The academic institute has a web-based system and the data stored in a MySQL database. You are given an assignment to generate student attendance report, who have more than 80% attendance for each subject. Follow the guidelines below.

- Figure 1 shows the table structure of the attendance table.
- Figure 2 shows all attendance records in the attendance table. It contains four subjects and the days attended.
- Figure 3 shows the sample report manager has requested.
- You must use PHP to generate the required report.
- Write your PHP code in the given space (You can change the given code structure).
- Following account given to you to access the database server and the required table.
 - Database server: localhost
 - Database name: school
 - Username: root
 - Password: user321

#Name	Type
1stuId (primary key)	int(4)
2stuName	varchar(30)
3IWT	int(4)
4ISDM	int(4)
5SPM	int(4)
6OOC	int(4)

Quiz navigation

QUESTION 03
1 2 3 4 5 6

QUESTION 03
7 8 9 10

QUESTION 03
11 12

STUDENT FEEDBACK
13

Previous attempt ...
Time left 0:30:33

Figure 01 – Structure of the attendance table in the database

stuId (primary key)	stuName	ISDM	IWT	SPM	OOC
3007	Nimal Fonseka	13	11	12	11
3006	Keerthi Gunarathne	8	13	12	10
3004	Chaminda de Silva	12	13	11	12
3004	Karmani Perera	9	12	12	11
3001	Saman Gamage	10	11	9	12

Figure 02 – Records in the attendance table in the database

Students Attendance Report for Semester 2 (more than 80% attendance)

Student ID	Student Name	IWT	ISDM	SPM	OOC
3007	Nimal Fonseka	11	11	12	11
3004	Chaminda de Silva	12	12	11	12

Figure 03 – Manager's report (sample)

All Write a PHP code ("CreateReport.php") to generate the required report shown in "Figure 03".

- Do not use the TAB key while you type in the answer box as it may go to the next Question

C | i | A

Online Exams

Sri Lanka Institute of Information Technology

Question 02

c) Assume you are the Tech lead of "ABC company's" software development team. ABC company planning to start an online business through an e-commerce website. As the Tech lead, list three (03) advantages and three (03) disadvantages added to the company by introducing e-commerce .

Advantages

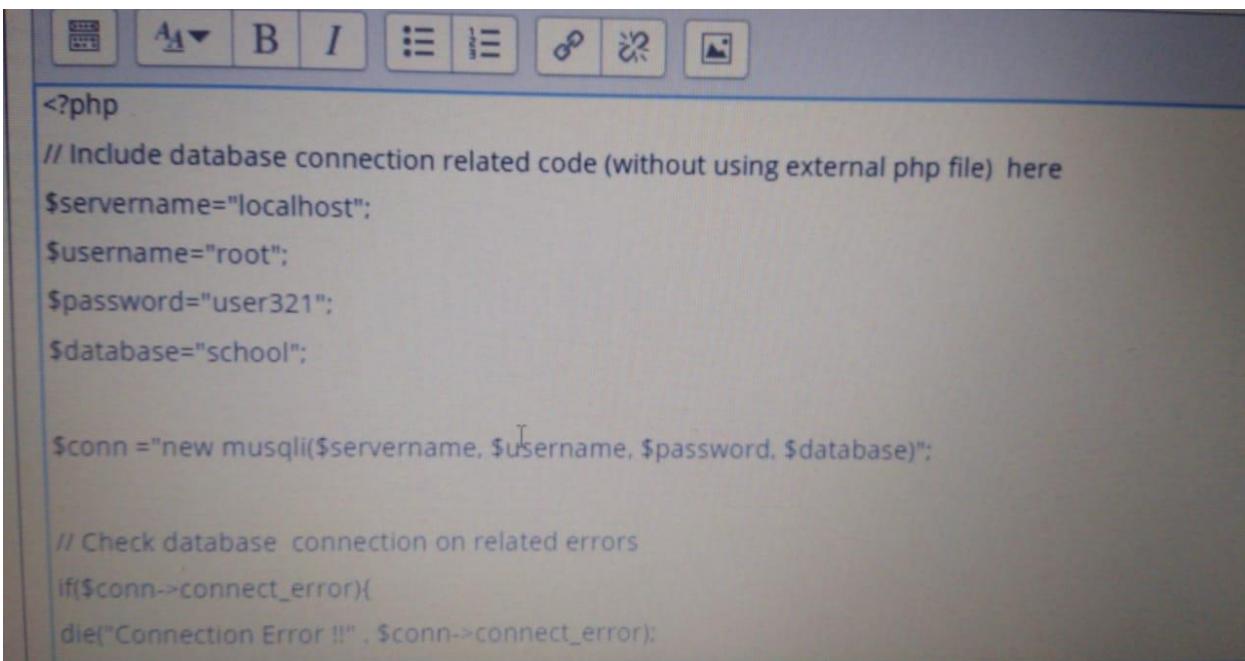
Disadvantages

1.

2.

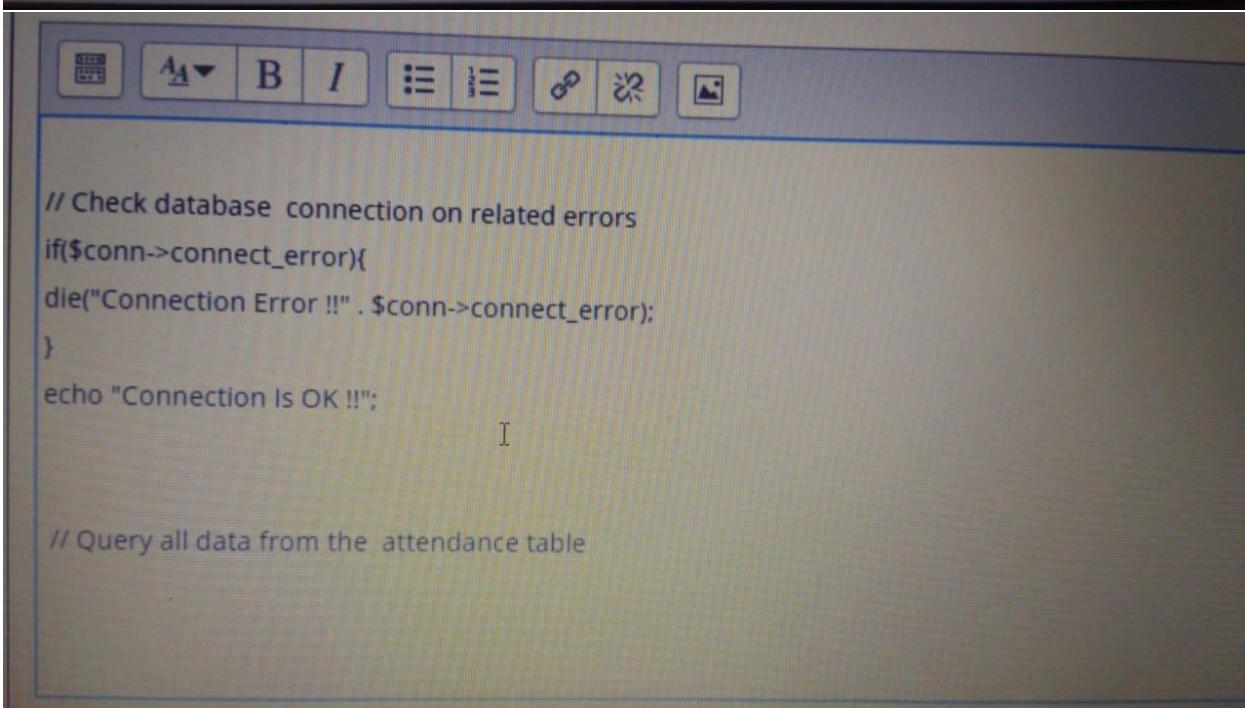
3.

DELL



A screenshot of a code editor window showing a PHP script. The code includes database connection parameters and a check for errors.

```
<?php  
// Include database connection related code (without using external php file) here  
$servername="localhost";  
$username="root";  
$password="user321";  
$database="school";  
  
$conn ="new mysqli($servername, $username, $password, $database)";  
  
// Check database connection on related errors  
if($conn->connect_error){  
die("Connection Error !!!" . $conn->connect_error);
```



A screenshot of a code editor window showing a simplified PHP script. It checks for a connection error and then outputs a success message. Below it, there is a comment about querying data from an attendance table.

```
// Check database connection on related errors  
if($conn->connect_error){  
die("Connection Error !!!" . $conn->connect_error);  
}  
echo "Connection Is OK !!!";  
  
// Query all data from the attendance table
```

Question 03

Part B

The manager of an academic institute wants to analyze their student attendance. For one semester each subject (IWT, ISDM, SPM and OOC) has 13 lectures (attendance for all 13 lectures for a subject = 100% attendance). The academic institute has a web-based system and the data stored in a MySQL database. You are given an assignment to generate student attendance report, who have more than 80% attendance for each subject. Follow the guidelines below.

- Figure 1 shows the table structure of the attendance table.
- Figure 2 shows all attendance records in the attendance table. It contains four subjects and the days attended.
- Figure 3 shows the sample report manager has requested.
- You must use PHP to generate the required report.
- Write your PHP code in the given space (You can change the given code structure).
- Following account given to you to access the database server and the required table.
 - Database server: localhost
 - Database name: school
 - Username: root
 - Password: user321

#	Name	Type					
3007	Nimal Fonseka		13	11	12	11	
3004	Chaminda de Silva		12	13	11	12	

Figure 03 – Manager's report (sample)

a) Write a PHP code ("createReport.php") to generate the required report shows in "Figure 03".

- Do not use the TAB key while you type in the answer box as it may go to the next Question



Source code (createReport.php)

```
<!DOCTYPE html>
<html>
<head>
<title>Student Attendance Report</title>
</head>
<body>
<?php
// Include database connection related code (without using external php file) here
```

#	Name	Type
1	stuId (primary key)	int(4)
2	stuName	varchar(30)
3	IWT	int(4)
4	ISDM	int(4)
5	SPM	int(4)
6	OOC	int(4)

Figure 01 – Structure of the attendance table in the database

stuId	stuName	ISDM	IWT	SPM	OOC
3007	Nimal Fonseka	13	11	12	11
3006	Keerthi Gunarathne	8	13	12	10
3004	Chaminda de Silva	12	13	11	12
3004	Kamani Perera	9	12	12	11
3001	Saman Gamage	10	11	9	12

Figure 02 – Records in the attendance table in the database

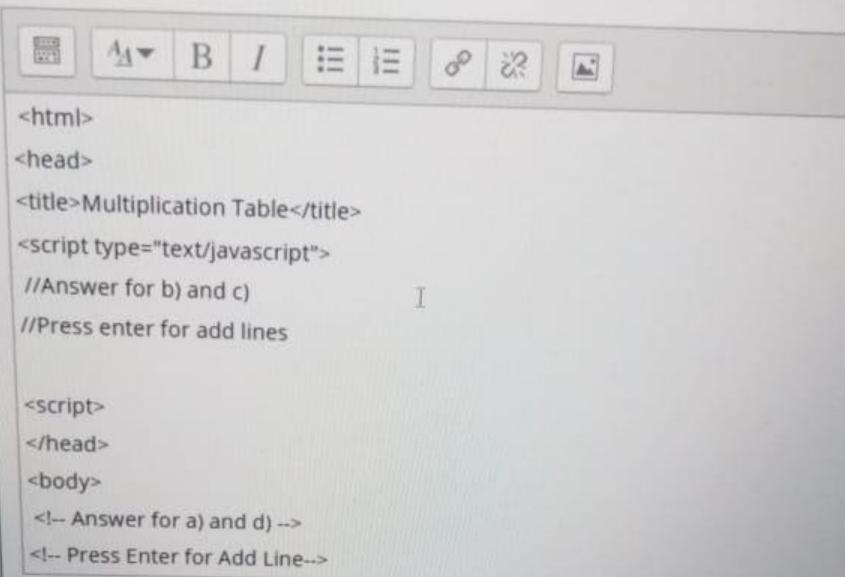
Students Attendance Report for Semester 2 (more than 80% attendance)

Student ID	Student Name	IWT	ISDM	SPM	OOC
3007	Nimal Fonseka	13	11	12	11
3004	Chaminda de Silva	12	13	11	12

Figure 03 – Manager's report (sample)

a) Write a PHP code ("createReport.php") to generate the required report shows in "Figure 03".

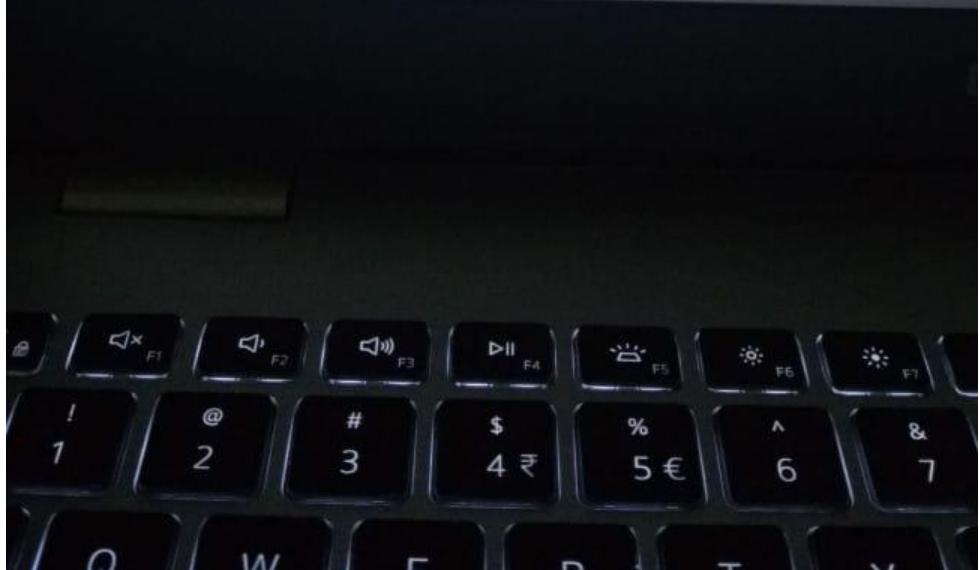
- Get the second text box value and convert it into an integer
 - Start HTML table
 - Perform multiplication and display the output
 - End HTML table
 - Declare the end of the javaScript
-
- Do not use the TAB key while you type in the answer box as it may go to the next line



The screenshot shows a web browser window with a code editor. The toolbar at the top includes icons for file, edit, bold, italic, align, and other document operations. The code in the editor is as follows:

```
<html>
<head>
<title>Multiplication Table</title>
<script type="text/javascript">
//Answer for b) and c)
//Press enter for add lines

<script>
</head>
<body>
<!-- Answer for a) and d)-->
<!-- Press Enter for Add Line-->
```



```
new.html style.css config.php submitvid.php HTML.php update.html updatevid.php styles.css new 1.html
1 <html>
2 <script>
3 function createtable(x,y){
4     document.write("<table>");
5     for(z = 1; z <= x; z++){
6         document.write("<tr>");
7         for(v = 1; v <= y; v++){
8             if (v*z%2 == 0){
9                 document.write("<td>" + v * z + "</td>");
10            }
11            else{
12                document.write("<td>" + "..." + "</td>");
13            }
14        }
15        document.write("</tr>");
16        document.write("<br>");
17    }
18 }
19 document.write("</table>");
20 createtable(5,5);
21 </script>
22 </html>
23
24
<script type="text/javascript">
7
8 </script>
9 </head>
10 <body>
11 <label for ="rows"> How many rows for your multiplication table?
12 </label>
13 <input type ="text" id ="rows">
14 <label for ="columns"> How many columns for your multiplication table?
15 </label>
16 <input type ="text" id ="columns">
15 <button id ="output" onclick="createTable()">Draw Multiplication
Table</button>
16 </body>
17 </html>
```

		Type
1	stuId (primary key)	int(4)
2	stuName	varchar(30)
3	IWT	int(4)
4	ISDM	int(4)
5	SPM	int(4)
6	OOC	int(4)

Figure 01 – Structure of the attendance table in the database

stuId	stuName	ISDM	IWT	SPM	OOC
3007	Nimal Fonseka	13	11	12	11
3006	Keerthi Gunarathne	8	13	12	10
3004	Chaminda de Silva	12	13	11	12
3004	Kamani Perera	9	12	12	11
3001	Saman Gamage	10	11	9	12

Figure 02 – Records in the attendance table in the database

Students Attendance Report for Semester 2 (more than 80% attendance)

Student ID	Student Name	IWT	ISDM	SPM	OOC
3007	Nimal Fonseka	13	11	12	11
3004	Chaminda de Silva	12	13	11	12

Figure 03 – Manager's report (sample)

a) Write a PHP code ("createReport.php") to generate the required report shows in "Figure 03".

Question 03

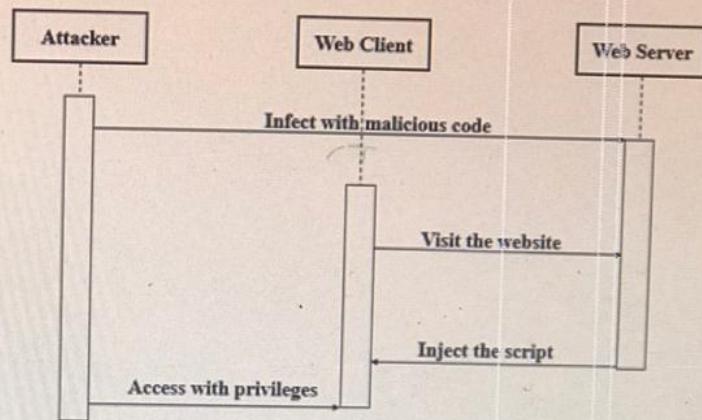
Part B

The manager of an academic institute wants to analyze their student attendance. For one semester each subject (IWT, ISDM, SPM and OOC) has **13 lectures** (attendance for all 13 lectures for a subject = 100% attendance). The academic institute has a web-based system and the data stored in a MySQL database. You are given an assignment to generate student attendance report, who have more than **80% attendance for each subject**. Follow the guidelines below.

- Figure 1 shows the table structure of the attendance table.
- Figure 2 shows all attendance records in the attendance table. It contains four subjects and the days attended.
- Figure 3 shows the sample report manager has requested.
- You must use PHP to generate the required report.
- Write your PHP code in the given space (You can change the given code structure).
- Following account given to you to access the database server and the required table.
 - Database server: localhost
 - Database name: school
 - Username: root
 - Password: user321

Question 02

- a) Name and briefly explain the goal of this attack illustrated in below figure



doodle

6 answered out of question

Sri Lanka Institute of Information Technology

Question 01

f) Write four (04) differences between XML and HTML.

XML

HTML

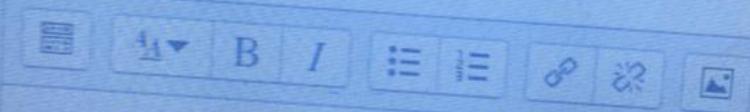
 Online Exams
Sri Lanka Institute of Information Technology

Question 02

d) "Protecting people's information is the most important responsibility giving three (03) security best practices taken by Gmail.

Security best practices :

- 1.
- 2.
- 3.



- Label--> How many columns for your multiplication table? Text Box
 Button ----> "Draw Multiplication Table"
- b) Write a JavaScript function ("`createTable()`") to accept user inputs (columns and rows) through two text boxes.
- c) Complete the JavaScript function ("`createTable()`") to generate the multiplication table and replace all the **odd values** in the multiplication table with "....." symbol shown below (Figure 01),

.....	2	4	6	8	10	12
2	4	6	8	10	12	14	16	18	20	22	24
.....	6	12	18	24	30	36
4	8	12	16	20	24	28	32	36	40	44	48
.....	10	20	30	40	50	60
6	12	18	24	30	36	42	48	54	60	66	72
.....	14	28	42	56	70	84
8	16	24	32	40	48	56	64	72	80	88	96
.....	18	36	54	72	90	108
10	20	30	40	50	60	70	80	90	100	110	120
.....	22	44	66	88	110	132
12	24	36	48	60	72	84	96	108	120	132	144

Figure 01- Sample output for the inputs as 12 columns and 12 rows and replace all **odd values** in the multiplication table with the "....." symbol.

- d) Call the JavaScript function ("`createTable()`") on the click event of the button "Draw Multiplication Table".

Marked out of 30.00

Flag question

Part A

You are asked to draw a multiplication table (Figure 01) using HTML and JavaScript. Complete the following steps (a – d). Write your answers (a-d) (codes) as one source code in the given space.

a) Write a HTML code to generate an interface to get two (02) user inputs, with a button as explained below.

Label--> How many rows for your multiplication table? Text Box

Label--> How many columns for your multiplication table? Text Box

Button ----> "Draw Multiplication Table"

b) Write a JavaScript function ("`createTable()`") to accept user inputs (columns and rows) through two text boxes.

c) Complete the JavaScript function ("`createTable()`") to generate the multiplication table and replace all the **odd values** in the multiplication table with "....." symbol shown below (Figure 01).

.....	2	4	6	8	10	12
2	4	6	8	10	12	14	16	18	20	22	24
.....	6	12	18	24	30	36
4	8	12	16	20	24	28	32	36	40	44	48
.....	10	20	30	40	50	60
6	12	18	24	30	36	42	48	54	60	66	72
.....	14	28	42	56	70	84
8	16	24	32	40	48	56	64	72	80	88	96
.....	18	36	54	72	90	108
10	20	30	40	50	60	70	80	90	100	110	120
.....	22	44	66	88	110	132
12	24	36	48	60	72	84	96	108	120	132	144

QUESTION 01

1	2	3	4	5	6
---	---	---	---	---	---

QUESTION 02

7	8	9	10
---	---	---	----

QUESTION 03

11	12
----	----

STUDENT FEEDBACK

13

Final attempt ...

Time left 10:45

0	16	24	32	40	48	56	64	72	80	88	96
18	36	54	72	90	108	
10	20	30	40	50	60	70	80	90	100	110	120
.....	22	44	66	88	110	132
12	24	36	48	60	72	84	96	108	120	132	144

Figure 01- Sample output for the inputs as 12 columns and 12 rows and replace all odd values in the multiplication table with the "...." symbol.

d) Call the JavaScript function ("createTable()") on the click event of the button "Draw Multiplication Table".

Hint:

An expert programmer tried this question and suggested the following steps for the javascript function.

- Declare the start of the javascript
- Declare the function "createTable"
- Initialize variables needed store number of rows and number of columns
- Get the first text box value and convert it into an integer
- Get the second text box value and convert it into an integer
- Start HTML table
- Perform multiplication and display the output
- End HTML table
- Declare the end of the javascript

▪ Do not use the TAB key while you type in the answer box as it may go to the next Question

DO NOT USE THE TAB KEY WHILE YOU TYPE IN THE ANSWER BOX AS IT MAY GO TO THE NEXT QUESTION

```
</head>
<body>
<!-- Answer for a) and d -->
<label>how many rows for your multiplication table?</label>
<input type="text" id="row">
<br>
<label>how many columns for your multiplication table?</label>
<input type="text" id="column">
<input type="submit" value="Draw multiplication table" onclick="createTable()">
<!-- Press Enter for Add Line-->

</body>
```

.....	2	4	6	8	10	12
2	4	6	8	10	12	14	16	18	20	22	24
.....	6	12	18	24	30	36
4	8	12	16	20	24	28	32	36	40	44	48
.....	10	20	30	40	50	60
6	12	18	24	30	36	42	48	54	60	66	72
.....	14	28	42	56	70	84
8	16	24	32	40	48	56	64	72	80	88	96
.....	18	36	54	72	90	108
10	20	30	40	50	60	70	80	90	100	110	120
.....	22	44	66	88	110	132
12	24	36	48	60	72	84	96	108	120	132	144

Finish attempt ...
Time left 1:12:47

Figure 01- Sample output for the inputs as 12 columns and 12 rows and replace all odd values in the multiplication table with the "....." symbol.

- d) Call the JavaScript function ("`createTable()`") on the click event of the button "Draw Multiplication Table".

Hint:

An expert programmer tried this question and suggested the following steps for the JavaScript function.

- d) Call the JavaScript function ("`createTable()`") on the click event of the button "Draw Multiplication Table".

Hint:

An expert programmer tried this question and suggested the following steps for the JavaScript function.

- Declare the start of the JavaScript
- Declare the function "createTable"
- Initialize variables needed store number of rows and number of columns
- Get the first text box value and convert it into an integer
- Get the second text box value and convert it into an integer
- Start HTML table
- Perform multiplication and display the output
- End HTML table
- Declare the end of the JavaScript



- Do not use the TAB key while you type in the answer box as it may go to the next Question

```

<html>
<head>
<title>Multiplication Table</title>

```

Do not use the TAB key while you type in the answer box as it may go to the next Question

```
<html>
<head>
<title>Multiplication Table</title>
<script type="text/javascript">
//Answer for b) and c)
//Press enter for add lines

<script>
</head>
<body>
<!-- Answer for a) and d -->
<!-- Press Enter for Add Line-->
```

Next page

Sri Lanka Institute of Information Technology

Question 11
0% yet answered
Marked out of 10.00
Flag question

Question 03

Part A

You are asked to draw a multiplication table (Figure 01) using HTML and JavaScript. Complete the following steps (a – d). Write your answers (a-d) (codes) as one source code in the given space.

a) Write a HTML code to generate an interface to get two (02) user inputs, with a button as explained below.

Label--> How many rows for your multiplication table? Text Box

Label--> How many columns for your multiplication table? Text Box

Button ----> "Draw Multiplication Table"

b) Write a JavaScript function ("createTable()") to accept user inputs (columns and rows) through two text boxes.

c) Complete the JavaScript function ("createTable()") to generate the multiplication table and replace all the odd values in the multiplication table with "....." symbol shown below (Figure 01).

.....	2	4	6	8	10	12
2	4	6	8	10	12	14	16	18	20	22	24
.....	6	12	18	24	30	36

NO: _____ Date: _____

```

<input type="number" id="rows" />
<input type="number" id="columns" />
<button>Draw multiplication </button>

function createTable() {
  var rows = parseInt(document.getElementById("rows").value);
  var cols = parseInt(document.getElementById("columns").value);
  var rows = parseInt(document.getElementById("rows").value);
  var columns = parseInt(document.getElementById("columns").value);
  var table = "<table>";

  for (var i = 1; i < rows; i++) {
    for (var j = 1; j < columns; j++) {
      table += "<tr>" +
        "<td>" + (i * j) + "</td>" +
        "</tr>";
    }
  }
  document.write(table);
}

<script type="text/javascript">
  </script>
</head>
<body>
  <label for="rows"> How many rows for your multiplication table? </label>
  <input type="text" id="rows" />
  <label for="columns"> How many columns for your multiplication table? </label>
  <input type="text" id="columns" />
  <button id="output" onclick="createTable()">Draw Multiplication Table </button>
</body>
</html>
  
```

12	24	36	48	60	72	84	96	108	120	132	144
----	----	----	----	----	----	----	----	-----	-----	-----	-----

Figure 01- Sample output for the inputs as 12 columns and 12 rows and replace all odd values in the multiplication table with the "----" symbol.

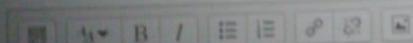
- d) Call the JavaScript function ("createTable()") on the click event of the button "Draw Multiplication Table".

Hint:

An expert programmer tried this question and suggested the following steps for the JavaScript function.

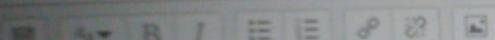
- Declare the start of the JavaScript
- Declare the function "createTable"
- Initialize variables needed store number of rows and number of columns
- Get the first text box value and convert it into an integer
- Get the second text box value and convert it into an integer
- Start HTML table
- Perform multiplication and display the output
- End HTML table
- Declare the end of the JavaScript

- Do not use the TAB key while you type in the answer box as it may go to the next Question



- Declare the end of the JavaScript

- Do not use the TAB key while you type in the answer box as it may go to the next Question



```
<html>
<head>
<title>Multiplication Table</title>
<script type="text/javascript">
//Answer for b) and c
//Press enter for add lines

<script>
</head>
<body>
<!-- Answer for a) and d)-->
<!-- Press Enter for Add Line-->
```

```
1 <html>
2 <script>
3 function createtable(x,y){
4     document.write("<table>");
5     for(z = 1; z <= x; z++) {
6         document.write("<tr>");
7         for(v = 1; v <= y; v++) {
8             if (v*z%2 == 0){
9                 document.write("<td>" + v * z + "</td>");
10            }
11            else{
12                document.write("<td>" + "..." + "</td>");
13            }
14        }
15        document.write("</tr>");
16        document.write("<br>");
17    }
18 }
19 document.write("</table>");
20 createtable(5,5);
21 </script>
22 </html>
23
24
```

- a) Write a HTML code to generate an interface to get two (02) user inputs, with a button as explained below.

Label--> How many rows for your multiplication table? Text Box

Label--> How many columns for your multiplication table? Text Box

Button ----> "Draw Multiplication Table"

- b) Write a JavaScript function ("createTable()") to accept user inputs (columns and rows) through two text boxes.

- c) Complete the JavaScript function ("createTable()") to generate the multiplication table and replace all the **odd values** in the multiplication table with "....." symbol shown below (*Figure 01*).

	2	4	6	8	10	12
2	4	6	8	10	12	14	16	18	20	22	24
	6	12	18	24	30	36
4	8	12	16	20	24	28	32	36	40	44	48
	10	20	30	40	50	60
6	12	18	24	30	36	42	48	54	60	66	72
	14	28	...	42	56	70	84
8	16	24	32	40	48	56	64	72	80	88	96
	18	36	54	72	90	108
10	20	30	40	50	60	70	80	90	100	110	120
	22	44	66	88	110	132

QUESTION 11

Not yet answered

Marked out of 2.00

Flag question

Question 03

Part A

You are asked to draw a multiplication table (Figure 01) using HTML and JavaScript. Complete the following steps (a – d). **Write your answers (a-d) (codes) as one source code** in the given space.

a) Write a HTML code to generate an interface to get two (02) user inputs, with a button as explained below.

Label--> How many rows for your multiplication table? Text Box

Label--> How many columns for your multiplication table? Text Box

Button ----> "Draw Multiplication Table"

b) Write a JavaScript function ("createTable()") to accept user inputs (columns and rows) through two text boxes.

c) Complete the JavaScript function ("createTable()") to generate the multiplication table and replace all the **odd values** in the multiplication table with "....." symbol shown below (Figure 01),

▪ End HTML table
▪ Declare the end of the JavaScript

▪ Do not use the TAB key while you type in the answer box as it may go to the next Question

```
<html>
<head>
<title>Multiplication Table</title>
<script type="text/javascript">
//Answer for b) and c)
//Press enter for add lines

<script>
</head> I
<body>
<!-- Answer for a) and d) -->
<!-- Press Enter for Add Line-->
```

Figure 01. Sample output for the inputs as 12 columns and 12 rows and replace all **odd values** in the multiplication table with the "_____ symbol.

d) Call the JavaScript function ("createTable()") on the click event of the button "Draw Multiplication Table".

Hint:

An expert programmer tried this question and suggested the following steps for the JavaScript function.

- Declare the start of the JavaScript
- Declare the function "createTable"
- Initialize variables needed store number of rows and number of columns
- Get the first text box value and convert it into an integer
- Get the second text box value and convert it into an integer
- Start HTML table
- Perform multiplication and display the output
- End HTML table
- Declare the end of the JavaScript

• Do not use the TAB key while you type in the answer box as it may go to the next Question

ASUS VivoBook

Sri Lanka Institute of Information Technology

Question 03

Part A

You are asked to draw a multiplication table (Figure 01) using HTML and JavaScript. Complete the following steps (a – d). **Write your answers (a-d). (codes) as one source code** in the given space.

a) Write a HTML code to generate an interface to get two (02) user inputs. with a button as explained below.

Label—> How many rows for your multiplication table? Text Box

Label—> How many columns for your multiplication table? Text Box

Button —> "Draw Multiplication Table"

b) Write a JavaScript function ("createTable()") to accept user inputs (columns and rows) through two text boxes.

c) Complete the JavaScript function ("createTable()") to generate the multiplication table and **replace all the odd values** in the multiplication table with "_____ symbol shown below (Figure 01).

.....	2	4	6	8	10	12
2	4	6	8	10	12	14	16	18	20	22	24
.....	6	12	18	24	30	36
4	8	12	16	20	24	28	32	36	40	44	48
.....	10	20	30	40	50	60
6	12	18	24	30	36	42	48	54	60	66	72
.....	14	28	42	56	70	84
8	16	24	32	40	48	56	64	72	80	88	96

ASUS VivoBook

Cross Site Scripting (XSS)

- Cross Site Scripting (CSS for short, but sometimes abbreviated as XSS) is one of the most common application level attacks that hackers use to sneak into web applications today.
- CSS attack involves three parties - the attacker, a client & the web site.
- The goal of the CSS attack is to steal the client cookies, or any other sensitive information, which can identify the client with the website. With the token of the legitimate user at hand, the attacker can proceed to act as the user in his/her interaction with the site - specifically, impersonate the user.

Question 10

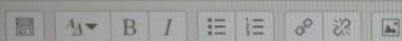
Not yet answered

Marked out of
4.00

Flag question

Question 02

- d) "Protecting people's information is the most important responsibility we have at Gmail.". Explain the above statement by giving three (03) security best practices taken by Gmail.

**Security best practices :**

1.

2.

3.

.....	22	44	66	88	110	132
12	24	36	48	60	72	84	96	108	120	132	144

Figure 01- Sample output for the inputs as 12 columns and 12 rows and replace all **odd values** in the multiplication table with the "....." symbol.

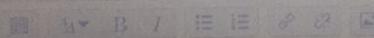
- d) Call the JavaScript function ("`createTable()`") on the click event of the button "Draw Multiplication Table".

Hint:

An expert programmer tried this question and suggested the following steps for the JavaScript function.

- Declare the start of the javaScript
- Declare the function "createTable"
- Initialize variables needed store number of rows and number of columns
- Get the first text box value and convert it into an integer
- Get the second text box value and convert it into an integer
- Start HTML table
- Perform multiplication and display the output
- End HTML table
- Declare the end of the javaScript

- Do not use the TAB key while you type in the answer box as it may go to the next Question



a) Write a HTML code to generate an interface to get two (02) user inputs, with a button as explained below.

Label--> **How many rows for your multiplication table?** Text Box

Label--> **How many columns for your multiplication table?** Text Box

Button ----> "Draw Multiplication Table"

b) Write a JavaScript function ("**createTable()**") to accept user inputs (columns and rows) through two text boxes.

c) Complete the JavaScript function ("**createTable()**") to generate the multiplication table and replace all the **odd values** in the multiplication table with "....." symbol shown below (Figure 01).

.....	2	4	6	8	10	12
2	4	6	8	10	12	14	16	18	20	22	24
.....	6	12	18	24	30	36
4	8	12	16	20	24	28	32	36	40	44	48
.....	10	20	30	40	50	60
6	12	18	24	30	36	42	48	54	60	66	72
.....	14	28	42	56	70	84
8	16	24	32	40	48	56	64	72	80	88	96
.....	18	36	54	72	90	108
10	20	30	40	50	60	70	80	90	100	110	120
.....	22	44	66	88	110	132
12	24	36	48	60	72	84	96	108	120	132	144

QUESTION 01
1 2 3

QUESTION 02
7 8 9

QUESTION 03
11 12

STUDENT FEEDBACK
13

Finish attempt ...

Time left 1:18:43

Moodle

Online Exams

Sri Lanka Institute of Information Technology

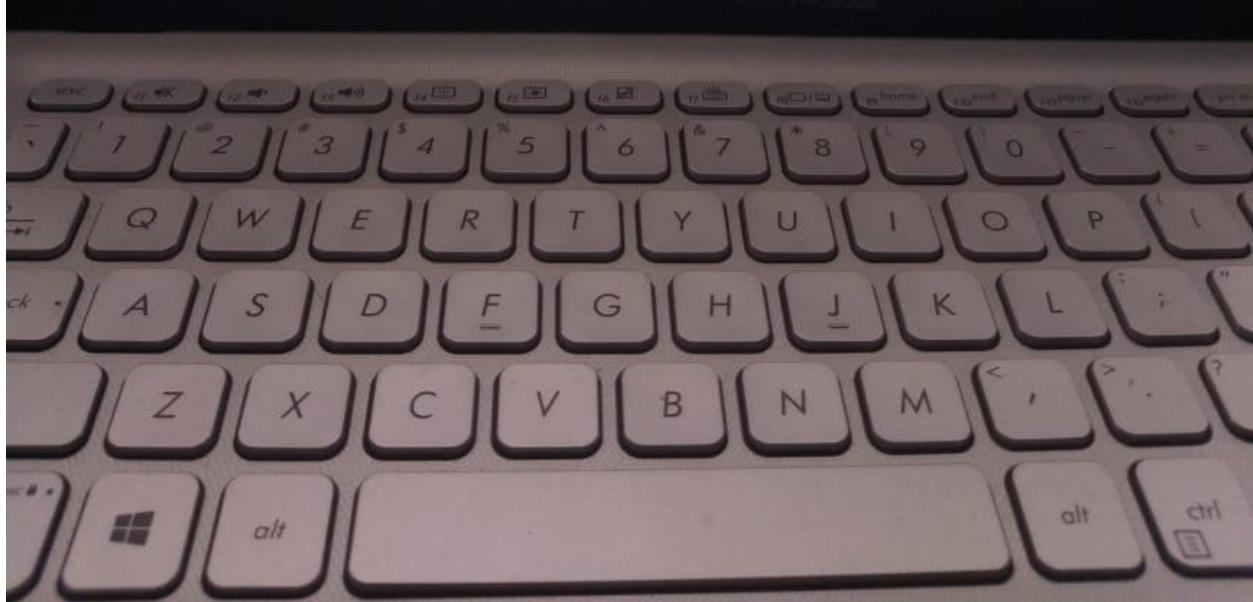
Question 8
Not yet answered
Marked out of 4.00
Flag question

Question 02

b) Explain the differences of terms Authentication and Authorization in internet security services.

Authentication Authorization

Next page





G Suite Security: The essential checklist for Admins

- Manage your users' password strength.
- Make 2-step verification mandatory.
- Disallow less **secure** apps from accessing user accounts.
- Manage OAuth based access for third-party apps.
- Use early phishing detection.
- Ensure that unintended external reply warning is on.
- Be mindful of Google Groups misconfigurations.

[More items...](#)

 hiverhq.com › ... › G Suite

[G Suite Security: The essential checklist for Admins | Blog | Hiver™](#)

    ...
Discover Snapshot Search Collections More



a) Write a HTML code to generate an interface to get two (02) user inputs, with a button as explained below.

Label--> **How many rows for your multiplication table?** Text Box

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.....	14	28	42	56	70	84
8	16	24	32	40	48	56	64	72	80	88	96
.....	18	36	54	72	90	108
10	20	30	40	50	60	70	80	90	100	110	120
.....	22	44	66	88	110	132
12	24	36	48	60	72	84	96	108	120	132	144

.....	22	44	66	88	110	132
12	24	36	48	60	72	84	96	108	120	132	144

Figure 01- Sample output for the inputs as 12 columns and 12 rows and replace all **odd values** in the multiplication table with the "....." symbol.

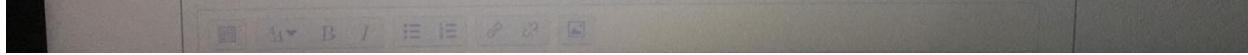
- d) Call the JavaScript function ("`createTable()`") on the click event of the button "Draw Multiplication Table".

Hint:

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- Declare the function "createTable"
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- Get the first text box value and convert it into an integer
- Get the second text box value and convert it into an integer
- Start HTML table
- Perform multiplication and display the output
- End HTML table
- Declare the end of the JavaScript

- Do not use the TAB key while you type in the answer box as it may go to the next Question



E-commerce systems and forms

Advantages of e-commerce

- To businesses

- ... – After the capital cost, maintenance cost is low
- ... – Global customers
- ... – Increased market share
- ...
- ...

3. E-commerce systems and forms

Disadvantages of e-commerce

- *To businesses*
 - ... – For physical items, storing and distributing is needed.
 - ... – Need to update the system frequently
 - ... – Depends on the power and the internet
 - ... –
 - ... –

The screenshot shows a web-based online exam interface. At the top, there's a header bar with the SLIIT logo, the text "Online Exams", and "Sri Lanka Institute of Information Technology". Below the header, the main content area has a question card for "Question 02". The question text is: "d) ‘Protecting people’s information is the most important responsibility we have at Gmail.’. Explain the above statement by giving three (03) security best practices taken by Gmail." A large text input field is provided for the answer, with a toolbar above it containing icons for bold, italic, underline, etc. To the right of the question card, there's a "Quiz navigation" sidebar listing "QUESTION 01" (with numbered boxes 1 through 6), "QUESTION 02" (with numbered boxes 7 through 10), "QUESTION 03" (with numbered boxes 11 and 12), and "STUDENT FEEDBACK" (with a box labeled 13). The sidebar also shows the student's ID "it20234270 Rajapaksha K.R.M.U. 5 it20234270" and a timer indicating "Time left 1:20:27".

E-commerce systems and forms

Advantages of e-commerce

- To businesses
 - – After the capital cost, maintenance cost is low
 - – Global customers
 - – Increased market share
 - ◦ ◦
 - ◦ ◦

SLIIT

Question 9
Not yet answered
Marked out of 0
Flag question

Question 02

c) Assume you are the Tech lead of "ABC company's" software development team. ABC company planning to start an online business through an e-commerce website. As the Tech lead, list **three (03) advantages and three (03) disadvantages** added to the company by introducing e-commerce .

Advantages Disadvantages

1.
2.
3.

QUESTION 01
1 2 3

QUESTION 02
7 8 9

QUESTION 03
11 12

STUDENT FEEDBA
13

Finish attempt ...
Time left 1:21:38

Sri Lanka Institute of Information Technology

Question 02

a) Name and briefly explain the goal of this attack illustrated in below figure

```
graph LR; Attacker -- "Infect with malicious code" --> WebClient[Web Client]; WebClient -- "Visit the website" --> WebServer[Web Server]; WebServer -- "Inject the script" --> WebClient; WebClient -- "Access with privileges" --> Attacker;
```

Slide Show Review View Help

uses. Unless you need to edit, it's safer to stay in Protected View.

Enable Editing

2. Internet Security Threats

Types of Attacks

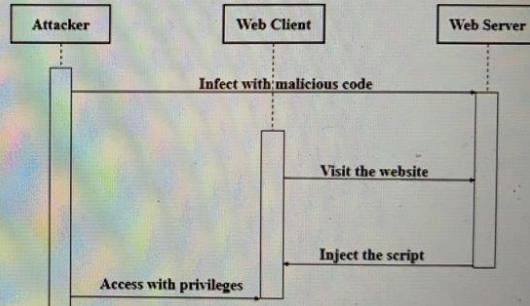
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fptl.com

Question 02

- a) Name and briefly explain the goal of this attack illustrated in below figure



12	24	36	48	60	72	84	96	108	120	132	144
----	----	----	----	----	----	----	----	-----	-----	-----	-----

Figure 01- Sample output for the inputs as 12 columns and 12 rows and replace all **odd values** in the multiplication table with the "....." symbol.

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Hint:

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- Get the first text box value and convert it into an integer
- Get the second text box value and convert it into an integer
- Start HTML table
- Perform multiplication and display the output
- End HTML table
- Declare the end of the JavaScript

- Do not use the TAB key while you type in the answer box as it may go to the next Question

answered
out of
question

Question 03

Part A

You are asked to draw a multiplication table (Figure 01) using HTML and JavaScript. Complete the following steps (a - d). Write your answers (a-d).(codes) as one source code in the given space.

- a) Write a HTML code to generate an interface to get two (02) user inputs, with a button as explained below.

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Button ----> "Draw Multiplication Table"

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.....	10	20	30	40	50	60
6	12	18	24	30	36	42	48	54	60	66	72
.....	14	28	...	42	56	70	84
8	16	24	32	40	48	56	64	72	80	88	96
.....	18	36	64	72	90	108

☰ Qu

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QUESTION
1 2

QUESTION
7 8

QUESTION
11 12

STUDENT FE

13

Finish attempt

Time left 1:31:43

Cross site scripting (XSS)

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AUTHENTICATION

VERSUS

AUTHORIZATION

AUTHENTICATION

Process of confirming the truth of an attribute of a single piece of data claimed true by an entity

Checks a person's details to identify him

Verifies user's credentials

Occurs before authorization

Ex: A student can authenticate himself before accessing the Learning Management System of a University

AUTHORIZATION

Process of specifying access rights/ privileges to resources related to information security

Checks a user's privileges to access resources

Validates user's permissions

Occurs after authentication

Ex: He can access lecture slides and other learning material of the courses based on the permissions given to him

Not yet answered
Marked out of 6.00
Flag question

QUESTION 02

a) Name and briefly explain the goal of this attack illustrated in below figure

```
graph LR; Attacker[Attacker] -- "Infect with malicious code" --> WebClient[Web Client]; WebClient -- "Visit the website" --> WebServer[Web Server]; WebServer -- "Inject the script" --> Attacker; Attacker -- "Access with privileges" --> WebClient;
```

The diagram shows three components: Attacker, Web Client, and Web Server. An arrow labeled "Infect with malicious code" points from the Attacker to the Web Client. Another arrow labeled "Visit the website" points from the Web Client to the Web Server. A third arrow labeled "Inject the script" points from the Web Server back to the Attacker. A final arrow labeled "Access with privileges" points from the Attacker to the Web Client.

QUESTION NAVI
1 2 3
7 8 9
11 12
13
Finish attempt ...
Time left 1:38:55

SITI Balkha Institute of Information Technology

Question 02

a) Name and briefly explain the goal of this attack illustrated in below figure

```
graph LR; Attacker[Attacker] -- "Infect with malicious code" --> WebClient[Web Client]; WebClient -- "Visit the website" --> WebServer[Web Server]; WebServer -- "Inject the script" --> Attacker; Attacker -- "Access with privileges" --> WebClient;
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The database server software is where the application stores its structured information. Typically, this means custom software which allows the application server to ask questions like "how many items does user x have in their basket?", using a programming language. Examples are MySQL, SQL Server, Oracle (all "relational databases"), and MongoDB, Redis and CouchDB ("NoSQL" solutions).

The database software can run on the same physical machine as the web server, but it's usually the first thing that gets hosted on separate physical hardware when the site needs to scale.

Question 01

e) Explain the difference between the terms **Web Server** and **Database Server**



H T M L

V E R S U S

X M L

HTML

A standard markup language for creating web pages and web applications

Stands for Hypertext Markup Language

Case insensitive

Has predefined tags

Some tags do not have a closing tag

Focuses on displaying data

Helps to develop the structure of web pages

XML

A markup language that defines a set of rules for encoding documents in a format that is both human and machine readable

Stands for Extensible Markup Language

Case sensitive

Programmer defines his own set of tag

It is mandatory to close each tag that has been used

Focuses on carrying information

Helps to exchange data between different platforms

Question 01

f) Write four (04) differences between XML and HTML.

XML	HTML

S E R V E R

V E R S U S

D A T A B A S E

SERVER

A computer program or a device that provides functionality for other programs or devices which are called clients

Helps to provide services to multiple clients or hosts simultaneously

Web servers, applications servers, mail servers are some examples

DATABASE

An organized collection of data, generally stored and accessed electronically from a computer system

Helps to store a collection of data

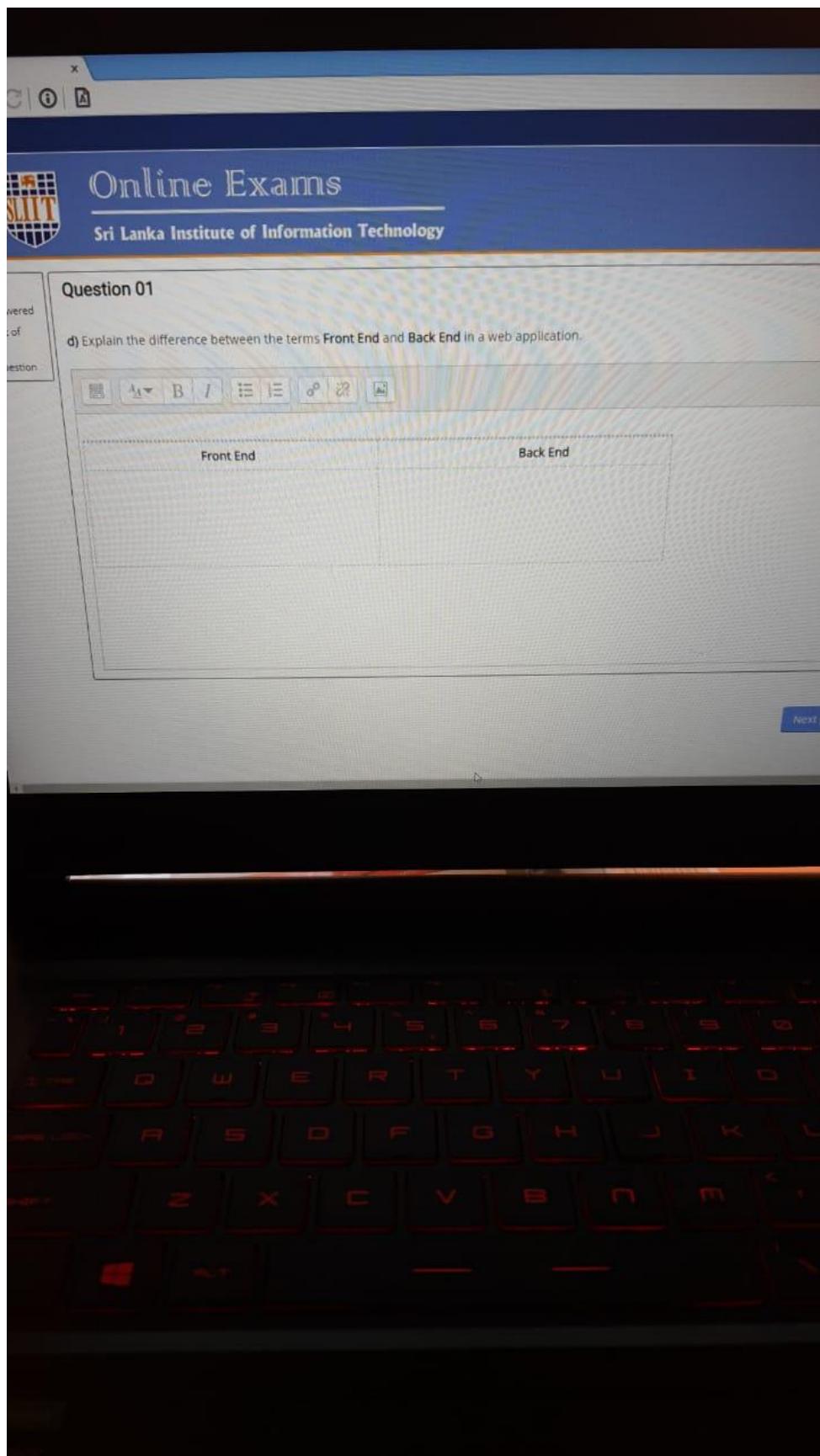
Relational databases, non-relational database, operational databases, and cloud databases are some examples

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FRONTEND VERSUS BACKEND

Frontend	Backend
Frontend refers to the client-side of the application.	Backend refers to the server-side of the application.
It is the part of the website users can see and interact with.	It constitutes everything that happens behind the scenes.
It typically includes everything that attributes to the visual aspects of websites.	It generally includes a web server that communicates with a database to serve requests that the frontend presents.
It forms the basis of what users can touch and experience on their web browsers.	It is the brain of the website that is never visible to the end users.
The essentials of frontend web development include HTML, CSS, and JavaScript.	The essentials of backend development include Ruby, Python, Java, .Net, etc.

Difference Between



LAN VERSUS WAN VERSUS MAN

LAN	WAN	MAN
Short for local area network.	Short for wide area network.	Short for metropolitan area network.
Connects a group of computers within a limited geographic area.	Covers a large geographical area such as a state, country or a continent.	Confined to a city or town. Distance coverage is larger than LAN and smaller than WAN.
High bandwidth for data transfer.	Low bandwidth for data transfer.	Bandwidth is moderate for data transfer.
Owned by private companies or individuals.	Established under distributed ownership.	Ownership can be private or public.
Limited to 100 to 1000 meters.	Spans a huge area of 100,000 kilometers.	Distance coverage is up to 100 kilometers.
Lower setup cost due to inexpensive devices.	Higher setup cost than LAN and MAN.	Moderate installation costs.
Higher data transfer speeds with 10, 100, and 1000 Mbps high-speed Ethernet.	Low data transfer rates between 10 to 20 Mbps.	Speed can go up to 100 Mbps.

Difference Between | net



LAN VS MAN VS WAN

LAN	MAN	WAN
A computer network that interconnects computers within a limited area such as residence, office building, school or a laboratory	A computer network that interconnects user with computer resources in a geographical area larger than LAN but smaller than WAN	A computer network that extends over a large geographical area
Stands for Local Area Network	Stands for Metropolitan Area Network	Stands for Wide Area Network
Covers an area within 1km to 10km	Covers an area within 100km	Covers a large area that goes beyond 100km
Easier to design and maintain	Difficult and complicated to design and maintain	Difficult and complicated to design and maintain
High data transferring speed	Moderate data transferring speed	Low data transferring speed
Has a limited number of users - less congestion	Moderate congestion	Low congestion
A network in a home, school or an office	A network in a city or a small town	A network network covering a state or a country

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More



Question 1

(a).

LAN	WAN
* Network in small geographical	* Network in large geographical
* Network are privately	* May be privately owned or leased.
* High Speed (1000 mbps)	* Less Speed (150 mbps)
* LANs have a high data transfer rate	* WANs have a lower data transfer rate compared to LANs.
* High bandwidth is available for transmission	* Low bandwidth is available for transmission.
* Less congestion	* More congestion.



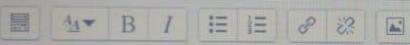
Question 3

Not yet answered

Marked out of
2.00

Flag question

Question 01

c) Explain the difference between the terms **LAN** and **WAN**

LAN

WAN

Quiz



QUESTION

1

2

QUESTION

7

8

QUESTION

11

12

STUDENT

13

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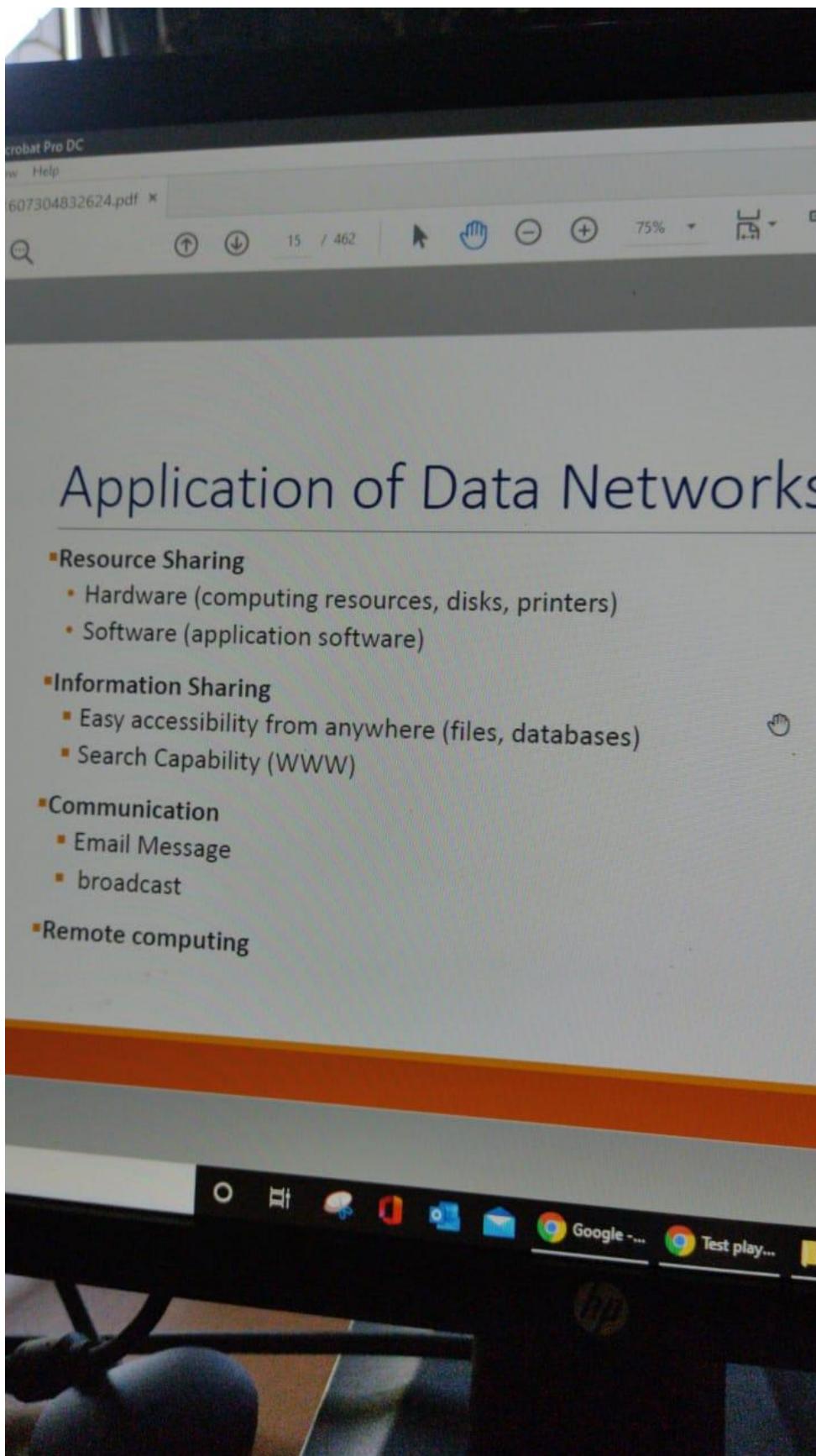
Time left 1

The browser

Usually the clients use the web browser to access the web application in the server, based on the request-response pattern.

1. The user enters the address of the web server (domain name) into the browser.
2. The browser sends a request to the web server
3. The server responses with the client components
4. The client components are loaded into the browser
5. The browser reads the content and renders







Question 2

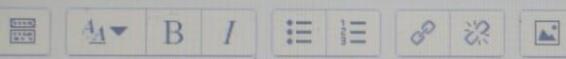
Not yet answered

Marked out of
4.00

Flag question

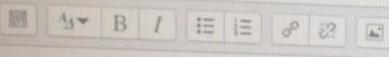
Question 01

- b) Briefly explain the **request- response** pattern of a web browser.



Question 01

- b) Briefly explain the **request- response** pattern of a web browser.



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QUESTION 01



QUESTION 02



QUESTION 03



STUDENT FEEDBA



13

Finish attempt ...

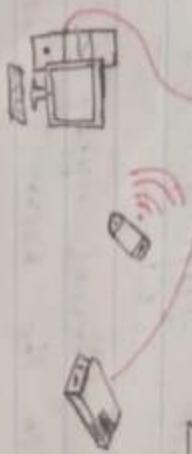
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Router



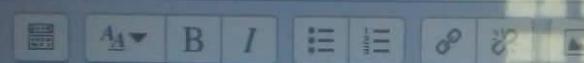
*

Me

Applications of Data Networks

- Resource sharing
 - Hardware (computer resources, disk, printers)
 - software (application software)
- Information sharing
 - Easy accessibility from anywhere (file, database)
 - Search capability (World Wide Web)
- Communication
 - Email message
 - Broadcast
- Remote computing

- Do not use the TAB key while you type in the answer box as it may go to the next Question.



Source code:

```
<html>
<head>
<title>Multiplication Table</title>
<style>

table {
background-color: #bde9ba;
}

</style>
<script type="text/javascript">
```

* Before the end of the JavaScript

* Do not use the TAB key while you type in the answer box as it may go to the next Question

```
<script type="text/javascript">

function createTable() {

var rows = document.getElementById("rows_TXT").value;
rows = parseInt(rows);

var cols = document.getElementById("cols_TXT").value;
cols = parseInt(cols);

document.write("<table>");

}
```

- Do not use the TAB key while you type in the answer box as it may go to the next Question

```
document.write("<table>");

for ( i = 1; i <= rows; i++ )
{
    document.write("</tr>");

    for( j = 1; j <= cols; j++ )
    {
        document.write("<td>" + ( i * j ) + "</td>");
    }
}
```

Declare the end of the javascript

- Do not use the TAB key while you type in the answer box as it may go to the next Question

```
document.write("</tr>");

}

document.write("</table>");

}

</script>
</head>
<body>
```

a) Write a PHP code ("createReport.php") to generate the required report shows in ("Figure 03").

- Do not use the TAB key while you type in the answer box as it may go to the next Question

```
echo "<td>" . $row["bookId"] . "</td>";
echo "<td>" . $row["bookName"] . "</td>";
echo "<td>" . $row["bookPrice"] . "</td>";
echo "<td>" . $row["bookQtySold"] . "</td>";
echo "<td>" . $row["bookMonthSold"] . "</td>";

echo "</tr>";

}

echo "</table>";
```

a) Write a PHP code ("createReport.php") to generate the required report shows in ("Figure 1").

- Do not use the TAB key while you type in the answer box as it may go to the next Question.

```
echo "</table>";

// Calculate sales for first quarter

// Display total sales
echo "Total sales for this quater is: Rs." . $total;

?>
</body>
```

Figure 03 – Manager's report

a) Write a PHP code ("createReport.php") to generate the required report shown in ("Figure 03").

- Do not use the TAB key while you type in the answer box as it may go to the next Question

```
$result = $db->query( "select * from sales where bookMonthSold='January' || bookMonthSold='February'  
|| bookMonthSold='March' || bookMonthSold='April' " );  
if( !$result )  
die( "Error in query: " . $db->error );  
  
// Fetch each row and extract required data for the report  
echo "<table>";  
echo "<tr><th>Book ID</th> <th>Book Name</th> <th>Book Price</th> <th>Books Sold</th> <th>Month</th> </tr>";  
  
//Store total sales  
$total = 0;
```

Next page

a) Write a PHP code ("createReport.php") to generate the required report shows in ('Figure 05').

- Do not use the TAB key while you type in the answer box as it may go to the next Question.

```
//Store total sales
$total = 0;

while( $row = $result->fetch_row() )
{

    $total += $row["bookQtySold"] * $row["bookPrice"];

    echo "<tr>";

    echo "<td>" . $row["bookId"] . "</td>";
    echo "<td>" . $row["bookName"] . "</td>";
```

a) Write a PHP code ("createReport.php") to generate the required report shows in ("Figure 03").

- Do not use the TAB key while you type in the answer box as it may go to the next Question

```
<?php

$db = mysqli( "localhost" , "root" , "user321" , "bookshop" );

// Check database connection related errors
if( $db->connect_error )
die("Connection failed: " . $db->connect_error );

// Query all data from the sales table
$result = $db->query( "select * from sales where bookMonthSold='January' || bookMonthSold='February'" );
```

b) Write a PHP code ("createReport.php") to generate the required report shows in ("Figure 05").

- Do not use the TAB key while you type in the answer box as it may go to the next Question

```
<?php

$db = mysqli( "localhost" , "root" , "user321" , "bookshop" );

// Check database connection related errors
if( $db->connect_error )
die("Connection failed: " . $db->connect_error );

// Query all data from the sales table
$result = $db->query( "select * from sales" );
```

Next page

- Do not use the TAB key while you type in the answer box as it may go to the next Question

A **B** I

```
while( $row = $result->fetch_row() )  
{  
  
echo "<tr>";  
  
echo "<td>" . $row["bookid"] . "</td>";  
echo "<td>" . $row["bookName"] . "</td>";  
echo "<td>" . $row["bookPrice"] . "</td>";  
echo "<td>" . $row["bookQtySold"] . "</td>";  
echo "<td>" . $row["bookMonthSold"] . "</td>";  
  
echo "</tr>";
```

a) Write a PHP code ("createReport.php") to generate the required report shows in ("Figure 03").

- Do not use the TAB key while you type in the answer box, as it may go to the next Question.

```
// Query all data from the sales table
$result = $db->query( "select * from sales" );
if( !$result )
die( "Error in query:" . $db->error );

// Fetch each row and extract required data for the report
echo "<table>";
echo "<tr> <th>Book ID</th> <th>Book Name</th> <th>Book Price</th> <th>Books Sold</th> <th>Month</th> </tr>";
while( $row = $result->fetch_row() )
{
    echo "<tr> <td>" . $row[0] . "</td> <td>" . $row[1] . "</td> <td>" . $row[2] . "</td> <td>" . $row[3] . "</td> <td>" . $row[4] . "</td> </tr>";
}
```

Declare the end of the JavaScript

- Do not use the TAB key while you type in the answer box as it may go to the next Question

```
<body>

<label>How many rows for your multiplication table?</label>
<input type="text" id="rows_TXT" />

<br />

<label>How many columns for your multiplication table?</label>
<input type="text" id="cols_TXT" />

<br />
```

- * Declare the end of the javascript
- * Do not use the TAB key while you type in the answer box as it may go to the next Question

```

<label>How many columns for your multiplication table?</label>
<input type="text" id="cols_TXT" />

<br />

<button onclick="createTable()">Draw Multiplication Table</button>

</body>
</html>

```

Part A

You are asked to draw a multiplication table (Figure 01) using HTML, CSS and JavaScript. Complete the following steps (a - e). Write your answers (a-e) (codes) as one source code in the given space.

- a) Write a HTML code to create an interface to get two (02) user inputs. with a button as explained below.

Label--> How many rows for your multiplication table? Text Box

Label--> How many columns for your multiplication table? Text Box

Button -----> Draw Multiplication Table

- b) Write a JavaScript function ("createTable()") to accept user inputs (columns and rows) through the two text boxes.

- c) Complete the JavaScript function ("createTable()") to generate the multiplication table (refer Figure 01).

1	2	3	4	5	6	7	8	9	10	11	12
2	4	6	8	10	12	14	16	18	20	22	24
3	6	9	12	15	18	21	24	27	30	33	36
4	8	12	16	20	24	28	32	36	40	44	48
5	10	15	20	25	30	35	40	45	50	55	60
6	12	18	24	30	36	42	48	54	60	66	72
7	14	21	28	35	42	49	56	63	70	77	84
8	16	24	32	40	48	56	64	72	80	88	96
9	18	27	36	45	54	63	72	81	90	99	108
10	20	30	40	50	60	70	80	90	100	110	120
11	22	33	44	55	66	77	88	99	110	121	132
12	24	36	48	60	72	84	96	108	120	132	144

1	2	3	4
7	8	9	10
12	13		

QUESTION 01
1
2

QUESTION 02
7
8

QUESTION 03
12
13

STUDENT FEEDBACK

14

Finish attempt ...

Time left 0:33:25

10	20	30	40	50	60	70	80	90	100	110	120
11	22	33	44	55	66	77	88	99	110	121	132
12	24	36	48	60	72	84	96	108	120	132	144

Figure 01- output for the inputs as 12 columns and 12 rows

- d) Write a CSS code to change the background color of the multiplication table into "#bde9ba".
 Note: Complete the CSS code in the given space within <style>tags

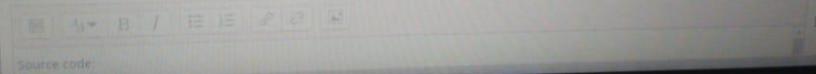
- e) Call the JavaScript function ("createTable()") on the button ("Draw Multiplication Table") click event.

Hint:

An expert programmer tried this question and suggested the following steps for the JavaScript function.

- Declare the start of the JavaScript
- Declare the function "createTable"
- Initialize variables needed store number of rows and number of columns
- Get the first text box value and convert it into an integer
- Get the second text box value and convert it into an integer
- Start HTML table
- Perform multiplication and display the output
- End HTML table
- Declare the end of the JavaScript

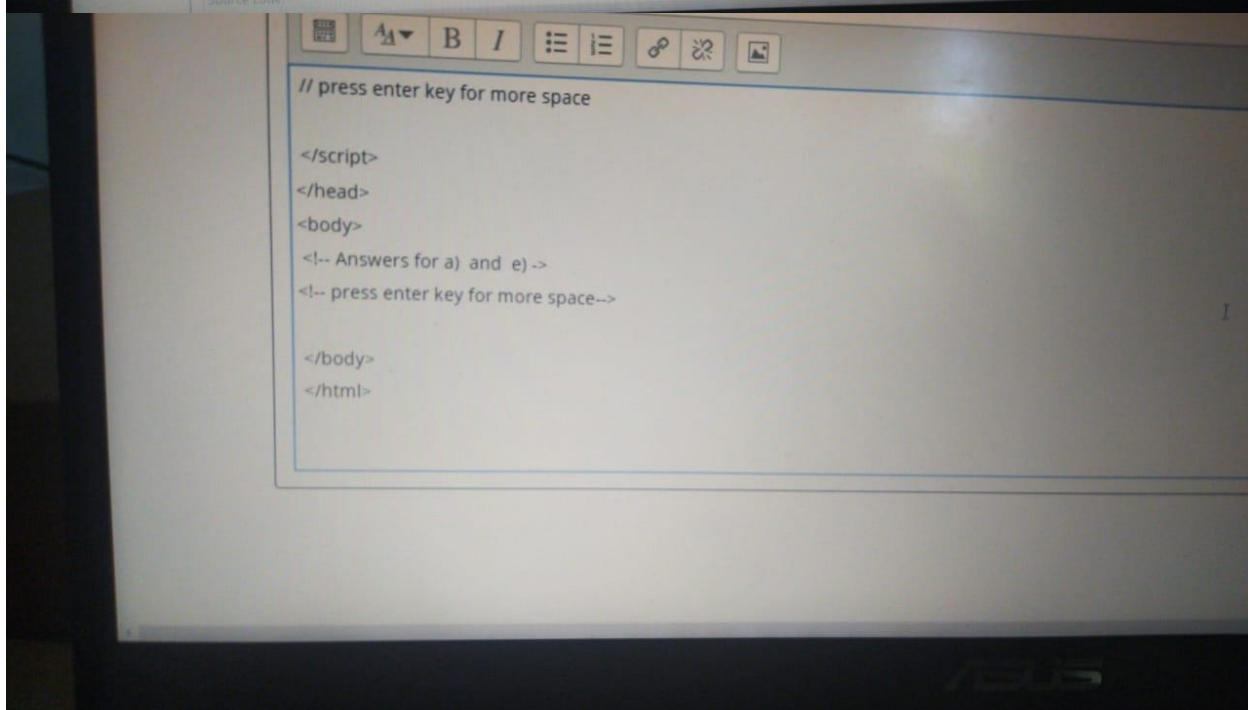
- Do not use the TAB key while you type in the answer box as it may go to the next Question

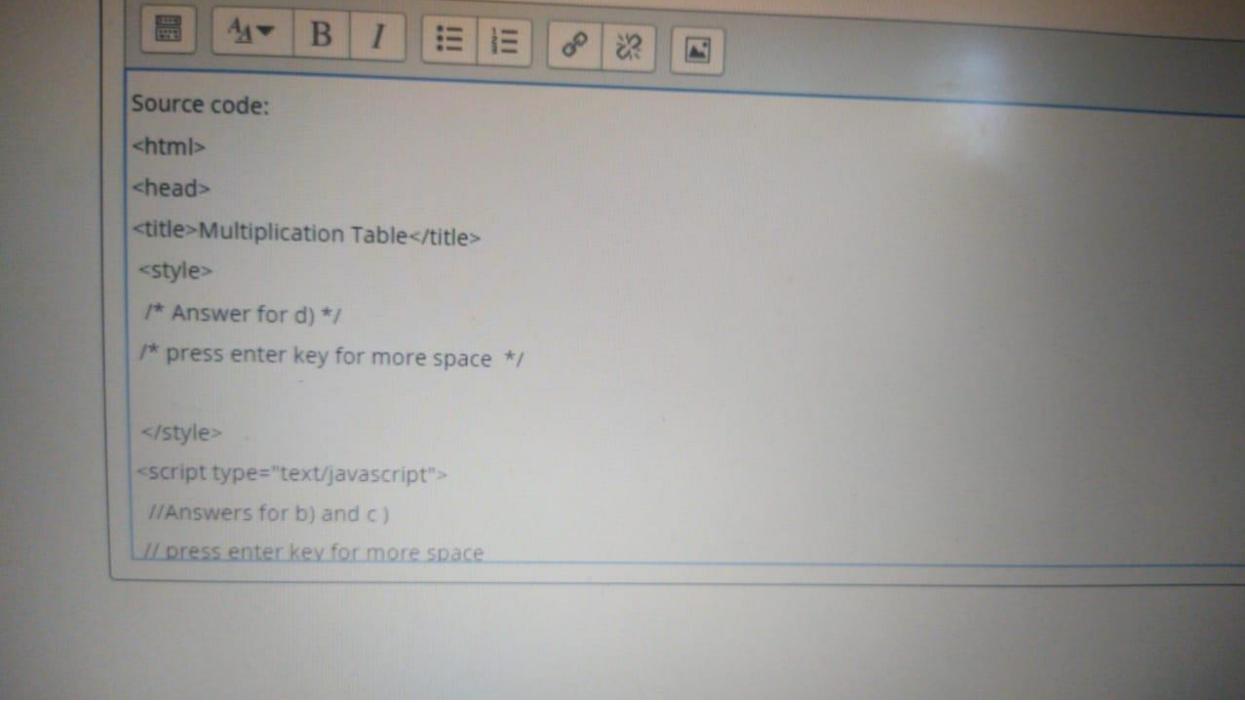


// press enter key for more space

```
</script>
</head>
<body>
<!-- Answers for a) and e) -->
<!-- press enter key for more space-->

</body>
</html>
```





Source code:

```
<html>
<head>
<title>Multiplication Table</title>
<style>
/* Answer for d) */
/* press enter key for more space */

</style>
<script type="text/javascript">
//Answers for b) and c )
// press enter key for more space
```

Sri Lanka Institute of Information Technology

Question 03

Part B

The manager of an on-line bookshop wants to analyze their first quarter sales (refer to Figure 03). The bookshop has a web-based system and the data stored in a MySQL database. You are given the assignment to generate first quarter sales report (refer to Figure 03) for the manager from the data given in the sales table (refer to Figure 02). Follow the guidelines below.

- Figure 1 shows the table structure of the sales table in the database.
- Figure 2 shows all sales records in the sales table in the database.
- Figure 3 shows the sample output report manager requested.
- You must write a single PHP code to generate the required report.
- Write your source code in the given space (You can change the given code structure).
- Following account given you to access the database server and the required table.
 - Database server: localhost
 - Database name: bookshop
 - Username: root
 - Password: user321

Name	Type
bookid (Primary key)	varchar(4)
bookName	varchar(30)
bookPrice	float

Hz

F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 PrSc Del Ins

@ # \$ % ^ & . { } - + =

3 4 5 € 6 7 8 9 0

Sales Report of the first quarter(January-April)

Book ID	Book Name	Price	Books sold	Month
3300	Mastering JavaScript	600	5	January
3800	Mastering JS	400	40	February
3200	HTML5 for Beginners	450	20	March
3600	HTML5	300	10	April
3600	C++ Programming	300	5	April

Total sales for this quarter is : Rs.32500

Figure 03 – Manager's report

a) Write a PHP code ("createReport.php") to generate the required report shows in ("Figure 03").

- Do not use the TAB key while you type in the answer box as it may go to the next Question

```
<?php
// include database connection related code (without using external php file) here
```

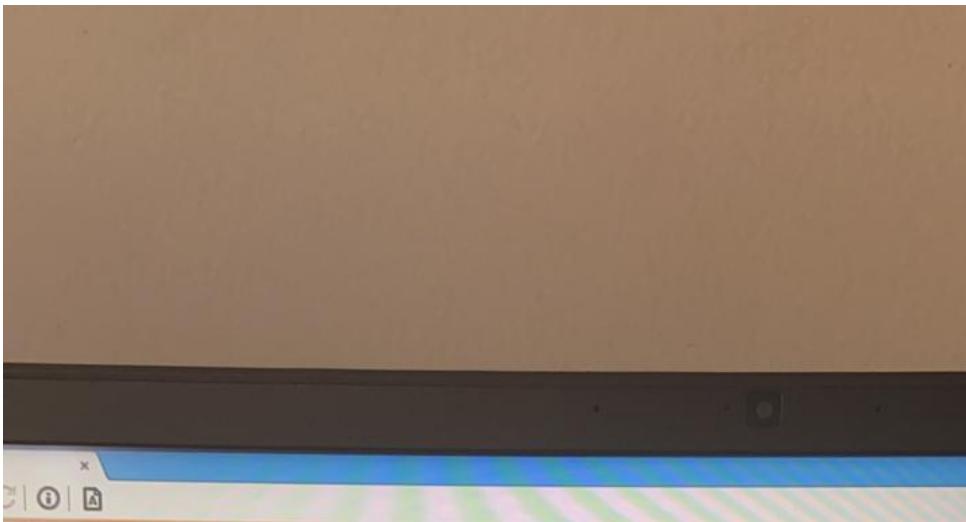


Figure 01 – structure of the sales table in database.

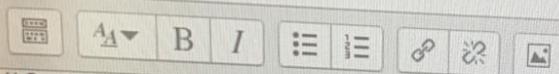
bookId	bookName	bookPrice	bookQtySold	bookMonthSold
3300	Mastering JavaScript	600	5	January
3800	Mastering JS	400	40	February
3200	HTML5 for Beginners	450	20	March
3600	HTML5	300	10	April
3005	C++ Programming	300	5	April
1004	PHP programming	1000	11	May
2005	Advanced CSS	400	10	May
5100	MySQL Guide	200	10	May
5200	Apache Guide	600	5	June

Figure 02 – all sales records in the sales table in database

Sales Report of the first quarter(January-April)



- Do not use the TAB key while you type in the answer box as it may go to the next Question



// Query all data from the sales table

// Fetch each row and extract required data for the report

// Calculate sales for first quarter

// Display total sales

Sales Report of the first quarter(January-April)

Book ID	Book Name	Price	Books sold	Month
3300	Mastering JavaScript	600	5	January
3800	Mastering JS	400	40	February
3200	HTML5 for Beginners	450	20	March
3600	HTML5	300	10	April
3600	C++ Programming	300	5	April

Total sales for this quarter is : Rs.32500

Figure 03 – Manager's report

a) Write a PHP code ("createReport.php") to generate the required report shows in ("Figure 03").

- Do not use the TAB key while you type in the answer box as it may go to the next Question

```
<?php
// Include database connection related code (without using external php file) here

// Check database connection related errors

// Query all data from the sales table

// Fetch each row and extract required data for the report
```

14Hz

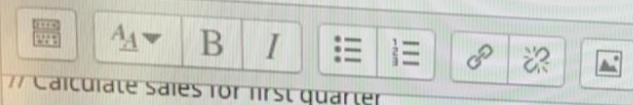
RICOH

TURBO

F2 F3 F4 F5 F6 F7 F8 F9 F10

@ # \$ % ^ & * !

DO NOT use the TAB key while you type in the answer box as it may go to the next Question



```
// Display total sales
```

```
?>
```

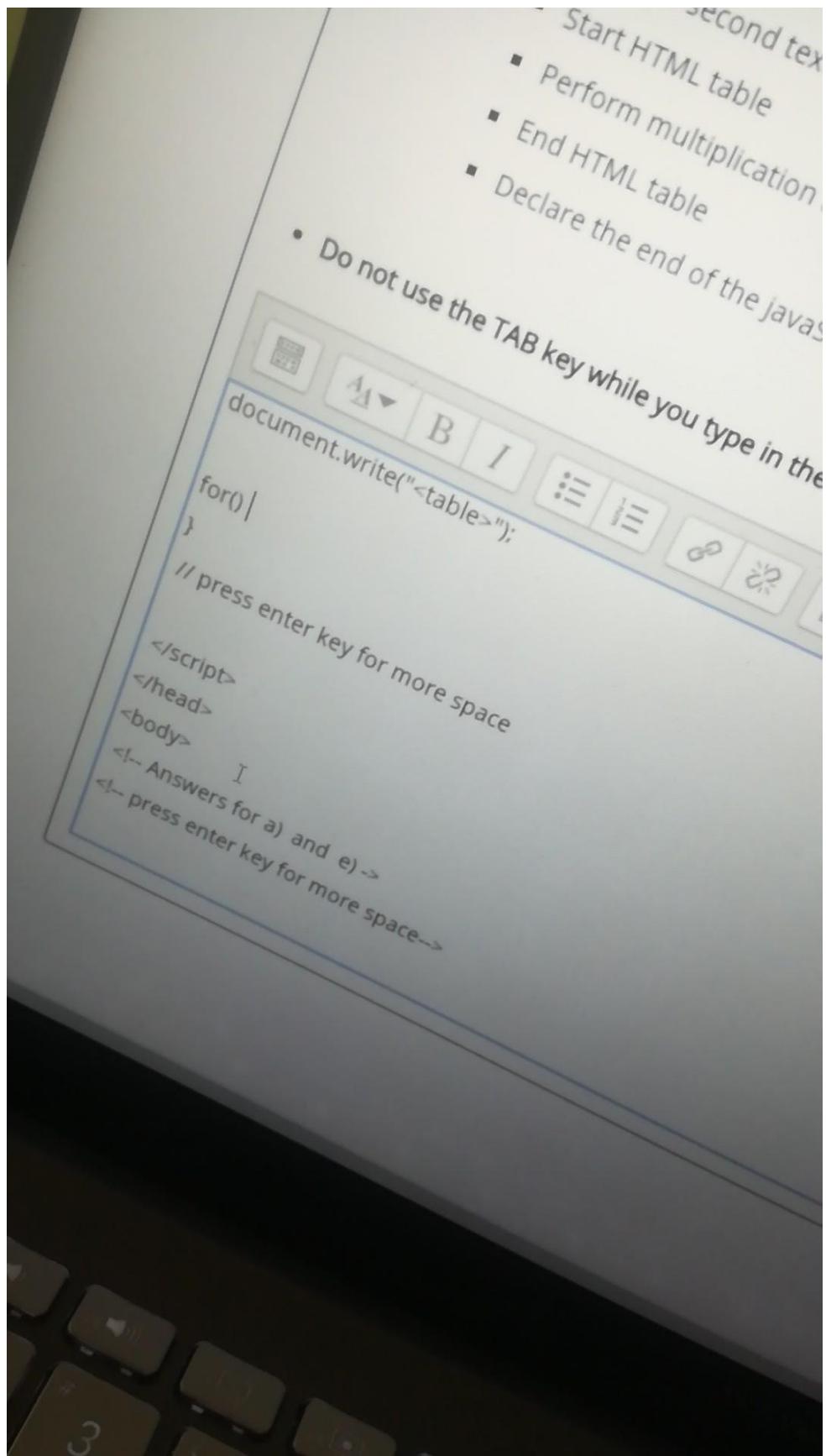
```
</body>  
</html>
```

3. Internet Security Services

- 1. Confidentiality**
- 2. Integrity**
- 3. Availability**



- Non-Repudiation
- Authentication
- Authorization (Access Control)
[Can be described as part of Integrity]



The screenshot shows a Microsoft Word document with a blue header bar. The header bar includes 'Font', 'Paragraph', and a 'Find' button. A 'Find' dialog box is open, with 'Find what:' set to 'practices', 'Match case' checked, and 'Find whole words only' unchecked. The 'Find Next' button is highlighted in blue. Below the header, the main content area has a dark blue background with white text. It features a section titled '5. e-Life & Security' and a sub-section titled 'Best Security Practices - Facebook'. A large 'Facebook' logo is visible. A bulleted list follows:

- Take control of your posts
 - Understand the importance of FB's **Audience Selector** tool.
- Manage posts other people have tagged you in using **Tag Review**.
- Give priority to your privacy.
 - "Who can see my stuff?" "Who can contact me?" "Who can look me up?"
- Protect your **password!**
- Avoid clicking on suspicious links or objects
- If required you **CAN** permanently delete your FB account.
- Use FB's security guidelines:
<https://www.facebook.com/facebookmedia/best-practices/security>

38

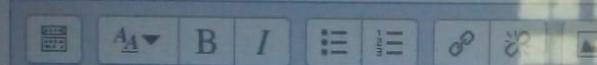
Question 02

- d) Assume you are appointed as the new IT manager of the "**ABC company**". ABC company handles huge number of money transactions and customer interactions over the internet. The company asked you to distinguish new security services for the company. Name three (03) **security services** that you suggest applying for the company system.

The screenshot shows a Microsoft Word document with a toolbar at the top containing various icons. Below the toolbar, the text 'security services' is typed in bold. A numbered list follows:

- 1.
- 2.
- 3.

- Do not use the TAB key while you type in the answer box as it may go to the next Question.



Source code:

```
<html>
<head>
<title>Multiplication Table</title>
<style>

table {
background-color: #bde9ba;
}

</style>
<script type="text/javascript">
```

* Declare the end of the javascript

- * Do not use the TAB key while you type in the answer box as it may go to the next Question

```
<script type="text/javascript">

function createTable() {

var rows = document.getElementById("rows_TXT").value;
rows = parseInt(rows);

var cols = document.getElementById("cols_TXT").value;
cols = parseInt(cols);

document.write("<table>");


```

- Do not use the TAB key while you type in the answer box as it may go to the next Question.

```
document.write("<table>");

for ( i = 1; i <= rows; i++ )
{

document.write("</tr>");

for( j = 1; j <= cols; j++ )
{
document.write("<td>" + ( i * j ) + "</td>");
}
```

Declare the end of the javascript

- Do not use the TAB key while you type in the answer box as it may go to the next Question

```
document.write("</tr>");

}

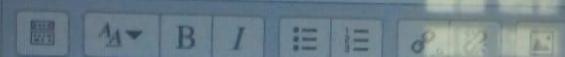
document.write("</table>");

}

</script>
</head>
<body>
```

• Declare the end of the JavaScript

- Do not use the TAB key while you type in the answer box as it may go to the next Question



```
<body>
```

```
    <label>How many rows for your multiplication table?</label>
```

```
    <input type="text" id="rows_TXT" />
```

```
    <br />
```

```
    <label>How many columns for your multiplication table?</label>
```

```
    <input type="text" id="cols_TXT" />
```

```
    <br />
```

- Declare the end of the javascript
- Do not use the TAB key while you type in the answer box as it may go to the next Question

```
<label>How many columns for your multiplication table?</label>
<input type="text" id="cols_TXT" />

<br />

<button onclick="createTable();">Draw Multiplication Table</button>

</body>
</html>
```

- Do not use the TAB key while you type in the answer box as it may go to the next Question

```
</script>
</head>
<body>
<label>How many rows for your multiplication table</label>
<input type = "text" id="rows">
<label>How many columns for your multiplication table</label>
<input type = "text" id = "columns">
<button>Draw Multiplication table</button>
</body>
</html>
```

The image shows a laptop screen with an open web browser displaying an online examination interface. The browser title bar reads "Online Exams" and the URL "moodle.sliit.ac.lk". The page content is titled "Sri Lanka Institute of Information Technology".

Part A: Question 03
Question 03: You are asked to draw a multiplication table (Figure 01) using HTML, CSS, and JavaScript. Complete the following steps (a - e). Write your answers (a-e) code(s) to create an interface to get two (02) user inputs with a button as explained below.
a) Write a HTML code to get two user inputs with a button as explained below.
Label: How many rows for your multiplication table? Test Box
Label: How many columns for your multiplication table? Test Box
b) Write a JavaScript function ("createtable") to accept user inputs (columns and rows) through the two test boxes.
c) Complete the JavaScript function ("createtable") to generate the multiplication table (refer Figure 01).

Figure 01: A 12x12 multiplication table grid.

	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Part B: Question 12
Question 12: You are asked to draw a multiplication table (Figure 01) using HTML, CSS, and JavaScript. Complete the following steps (a - e). Write your answers (a-e) code(s) to create an interface to get two (02) user inputs with a button as explained below.
a) Write a HTML code to get two user inputs with a button as explained below.
b) Write a JavaScript function ("createtable") to accept user inputs (columns and rows) through the two test boxes.
c) Complete the JavaScript function ("createtable") to generate the multiplication table (refer Figure 01).
d) Complete the JavaScript function ("createtable") to generate the multiplication table (refer Figure 01).
e) Complete the JavaScript function ("createtable") to generate the multiplication table (refer Figure 01).

Moodle

Initialize variables needed store number of rows and num
Get the first text box value and convert it into an integer
Get the second text box value and convert it into an integer
Start HTML table
Perform multiplication and display the output
End HTML table
Declare the end of the JavaScript

* Do not use the TAB key while you type in the answer box as it may go to the next line

Source code:

```
<html>
<head>
<title>Multiplication Table</title>
<style>
/* Answer for d */
/* press enter key for more space */
</style>
<script type="text/javascript">
//Answers for b) and c)
//press enter key for more space

```

ASUS VivoBook

The screenshot shows a Microsoft Word document with the title "Encryption Algorithms" at the top. The ribbon menu is visible, showing tabs like Font, Paragraph, Drawing, and Editing. The main content area contains two sections: "Symmetric key cryptography" and "Asymmetric key cryptography (Public Key)".

Symmetric key cryptography

- Use of a single key for encrypting and decrypting the information
- **Key exchange problem!**
- Encryption, decryption algorithms are less complex
- Faster!

Asymmetric key cryptography (Public Key)

- Each person has their own pair of keys,
 - private key
 - public key (Verified Certificate Authority)
- Use one key to encrypt and another to decrypt
- Key exchange problem solved!
- Encryption, decryption algorithms are very complex
- Require far greater computation time, **Slower!**
- Impractical for large messages

Combine both techniques to create secure efficient security protocol suites!

31

Best Sewly practices - Facebook.

- * Take control of your posts.
 - understand the importance of FB's Audience Selector tool.
- * Manage posts other people have tagged you in using Tag Review.
- * Give priority to your privacy - "Who can see my stuff? " "Who can contact me?" "Who can look me up?"
- * Protect your password!
- * Avoid clicking on suspicious links or objects.
- * If required you can permanently delete your FB account.
- * Use FB's security guidelines!
<https://www.facebook.com/fbbooksmedia/best-practices/> Sewly



Online Exams

Sri Lanka Institute of Information Technology

Question 11

Not yet answered

Marked out of
3.00

Flag question

Question 02

e) "Protecting people's information is the most important responsibility we have at Facebook." Explain the above statement by giving three (03) security best practices taken by "Facebook".

<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>						
-----------------------	----------------------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------

A B C D E F

G H I J K L

M N O P Q R

S T U V W X

Y Z

☰ Quiz na

I

QUESTION 01

1 2 3

QUESTION 02

7 8 9

QUESTION 03

12 13

STUDENT FEEDBACK

14



today.

- CSS attack involves three parties – the attacker, a client and the web site.
- The goal of the CSS attack is to steal the client cookies, or any other sensitive information, which can identify the client with the web site. With the token of the legitimate user at hand, the attacker can proceed to act as the user in his/her interaction with the site – specifically, impersonate the user.¹⁵

2. Internet Security Threats

Types of Attacks

Anatomy of an XSS Attack

1. Login
2. Cookie
3. XSS URL
4. User clicks on XSS link.
5. XSS URL
6. Page with injected code.
7. Browser runs injected code.
8. Attacker hijacks user session.

Attacker → User → Web Server

16

3. Internet Security Services

1. Confidentiality

2. Integrity

3. Availability

C.I.A Triad

Confidentiality
Integrity
Availability

- Non-Repudiation
- Authentication
- Authorization (Access Control)
[Can be described as part of Integrity]

17

3. Internet Security Services

Confidentiality

- Can be defined as the '**Secrecy**' of the message
- Also known as '**Privacy**'

Communication Channel

Victim → Web Server

Attacker → Access Confidential Information

- Note: attacker doesn't change any information
(Passive Intruder)

18

3. Internet Security Services

Integrity

- Can be defined as the '**Security**' of the message
- Ensure that the message will be delivered to the receiver **without being modified** in the middle by the intruder

389-392/415

19

Question 8
Not yet answered
Marked out of 4.00
Flag question

Question 02

b) Explain the difference between **Passive** and **Active** intruders.

Active Intruders
Attacker actively changes any information.
System is always damaged and system resources can be changes. In active attack there is no harm to the system.
In active attack client get inform about attack.

Passive Intruders
Attacker doesn't change any information.
In passive attack there is no harm to the system.
clients does not get inform about the attack.

Next page

QUESTION 01
1 2 3 4

QUESTION 02
7 8 9 10

QUESTION 03
12 13

STUDENT FEEDBACK
14

Finish attempt ...
Time left 0:58:13

Question 02

b) Explain the difference between **Passive** and **Active** intruders.

Active Intruders
here involves using information gathered during passive attack to compromise a user or network.

Passive Intruders
here hacker monitor and scan systems for vulnerabilities or entry point that allows them to intercept information without changing any of it.

Question 02

e) "Protecting people's information is the most important responsibility we have at Facebook.". Explain the above statement by giving three (03) security best practices taken by "Facebook".

<p>I</p> <p>security best practices</p> <p>1.</p> <p>2.</p> <p>3.</p>

[Next page](#)

Not yet answered

Marked out of
10

[Flag question](#)

b) Explain the difference between **Passive** and **Active** intruders.

<table border="1"><thead><tr><th>Active intruders</th><th>Passive Intruders</th></tr></thead><tbody><tr><td>1. Attackers actively change information (</td><td>1. Attackers doesn't change any information(Here hackers monitor or scan system for vulnerabilities or entry points that allows them to intercept)</td></tr></tbody></table>	Active intruders	Passive Intruders	1. Attackers actively change information (1. Attackers doesn't change any information(Here hackers monitor or scan system for vulnerabilities or entry points that allows them to intercept)
Active intruders	Passive Intruders			
1. Attackers actively change information (1. Attackers doesn't change any information(Here hackers monitor or scan system for vulnerabilities or entry points that allows them to intercept)			

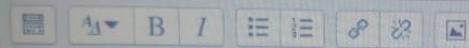
[Answer again](#)

Question 9

Not yet answered
Marked out of
4.00
 Flag question

Question 02

c) Explain the terms **Symmetric key cryptography** and **Asymmetric key cryptography**.



Symmetric key cryptography

Asymmetric key cryptography

2 - Internet Security (1).pptx - Protected View - Saved to this PC

Share Sign In

File Show Review View Help Search

Unless you need to edit, it's safer to stay in Protected View. Enable Editing

Encryption Algorithms

- Symmetric key cryptography**
 - Use of a single key for encrypting and decrypting the information
 - Key exchange problem!**
 - Encryption, decryption algorithms are less complex
 - Faster!**
- Asymmetric key cryptography (Public Key)**
 - Each person has their own pair of keys,
 - private key
 - public key (Verified Certificate Authority)
 - Use one key to encrypt and another to decrypt.
 - Key exchange problem solved!**
 - Encryption, decryption algorithms are very complex
 - Require far greater computation time, **Slower!**
 - impractical for large messages

Combine both techniques to create secure efficient security protocol suites! 31

Notes

File Name.txt Full 20200901_... 20200901_...
Name.docx

File e.php TeamViewer 20200901_... 20200901_...
e.php

File discord New folder 20200901_... 20200901_...
(3)

msi

Not yet answered
Marked out of 0.00
Flag question

Question 03

Part A

You are asked to draw a multiplication table (Figure 01) using HTML, CSS and JavaScript. Complete the following steps (a - e). Write your answers (a-e) (codes) as one source code in the given space.

a) Write a HTML code to create an interface to get two (02) user inputs, with a button as explained below.

Label—> How many rows for your multiplication table? Text Box

Label—> How many columns for your multiplication table? Text Box

Button —————> Draw Multiplication Table

b) Write a JavaScript function ("createTable()") to accept user inputs (columns and rows) through the two text boxes.

c) Complete the JavaScript function ("createTable()") to generate the multiplication table (refer Figure 01).

1	2	3	4	5	6	7	8	9	10	11	12
2	4	6	8	10	12	14	16	18	20	22	24
3	6	9	12	15	18	21	24	27	30	33	36
4	8	12	16	20	24	28	32	36	40	44	48
5	10	15	20	25	30	35	40	45	50	55	60
6	12	18	24	30	36	42	48	54	60	66	72
7	14	21	28	35	42	49	56	63	70	77	84
8	16	24	32	40	48	56	64	72	80	88	96
9	18	27	36	45	54	63	72	81	90	99	108
10	20	30	40	50	60	70	80	90	100	110	120
11	22	33	44	55	66	77	88	99	110	121	132
12	24	36	48	60	72	84	96	108	120	132	144

Figure 01- output for the inputs as 12 columns and 12 rows

d) Write a CSS code to change the background color of the multiplication table into "#bde9ba".
Note: Complete the CSS code in the given space within <style>tags

d) Write a CSS code to change the background color of the multiplication table into "#bde9ba".
Note: Complete the CSS code in the given space within <style>tags

e) Call the JavaScript function ("createTable()") on the button ("Draw Multiplication Table") click event.

Hint:

An expert programmer tried this question and suggested the following steps for the JavaScript function.

- Declare the start of the JavaScript
- Declare the function "createTable"
- Initialize variables needed store number of rows and number of columns
- Get the first text box value and convert it into an integer
- Get the second text box value and convert it into an integer
- Start HTML table
- Perform multiplication and display the output
- End HTML table
- Declare the end of the JavaScript

▪ Do not use the TAB key while you type in the answer box as it may go to the next Question

```
// press enter key for more space

</script>
</head>
<body>

<!-- Answers for a) and e) -->
<!-- press enter key for more space-->

</body>
```

- * Importance of Internet Security. (we don't own our information)
- Privacy & confidentiality.
 - Prevents Data & Identify theft →
 - Maintains productivity -
 - foils cyber - terrorism.
 - Avoids legal consequences of not information. e.g.: Banks.

Internet

WWW

- | | |
|--|--|
| <p>1) Internet is a massive network of networks, a networking infrastructure.</p> | <p>1) WWW is a way of accessing information over the medium of the internet.</p> |
| <p>2) It connects millions of computers together globally forming a network in which any computer can communicate with any other computer as long as both are connected to internet.</p> | <p>2) It is an information sharing model that is built on the top of internet.</p> |
| <p>3) Information that travels over the internet does so via a variety of languages known as protocols.</p> | <p>3) The web uses HTTP protocol, to transmit data.</p> |
| <p>4) It does not utilize web browsers. It is the structure on which WWW is based.</p> | <p>4) It is also utilized by browsers such as internet explorer or firefox to access web documents called web pages, that are linked via hyperlinks.</p> |
| <p>5) No such creator.</p> | <p>5) It was created by Tim Berners Lee in 1992.</p> |
| <p>6) Internet provides the structure.</p> | |



4G 69% 12:30



tutorialspoint.com/difference



Sr. No.	Key	Active Attack	Passive Attack
1	Modification	In Active Attack, information is modified.	In Passive Attack, information remain unchanged.
2	Dangerous For	Active Attack is dangerous for Integrity as well as Availability.	Passive Attack is dangerous for Confidentiality.
3	Attention	Attention is to be paid on detection.	Attention is to be paid on prevention.
4	Impact on System	In Active Attack, system is damaged.	In Passive Attack, system has no impact.



What are the different types of network security devices and their functions?

- Access control. ...
- **Antivirus** and anti-malware software. ...
- Application security. ...
- Behavioral analytics. ...
- Data loss prevention. ...
- Distributed denial of service prevention. ...
- Email security. ...
- Firewalls.

[More items... • Oct 16, 2019](#)

Question 8
Not yet answered
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4.00
 Flag question

Question 02

b) Explain the difference between Passive and Active intruders.

Active intruders Passive Intruders

QUESTION 01
1 2 3 4 5 6

QUESTION 02
7 8 9 10 11

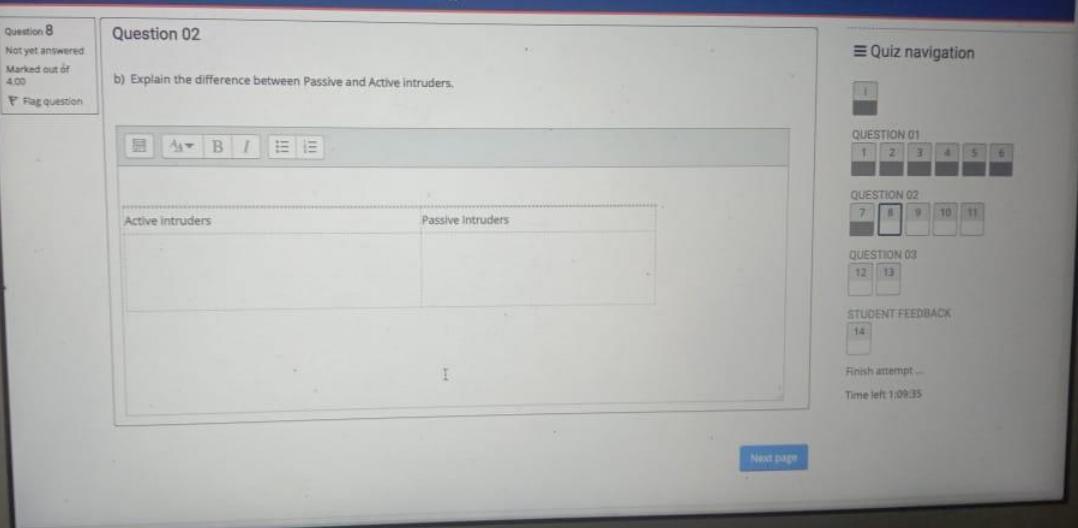
QUESTION 03
12 13

STUDENT FEEDBACK
14

Finish attempt ...
Time left 1:09:35

Next page

MacBook Air



- b) Explain the difference between **Passive** and **Active** intruders.

Active intruders	Passive Intruders
attacker tries to modify the content of messages.	attacker observes the messages, copy them and may use them for malicious purposes

≡ Quiz



QUESTION

1 2

QUESTION 0

7 8

QUESTION 03

12 13

STUDENT FEED

14

Finish attempt ...

Time left 1:19:49

Next page

10
answered
out of
question

Question 02

≡ Quiz navigation



QUESTION 01

1 2 3 4 5

QUESTION 02

7 8 9 10 11

QUESTION 03

12 13

STUDENT FEEDBACK

14

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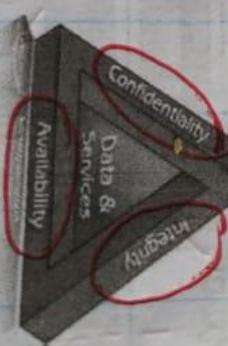
Next page

security services
1.
2.
3.

3. Internet Security Services

1. Confidentiality
2. Integrity
3. Availability

CIA Triad
CIA Triangle.



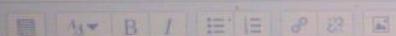
- Non-Repudiation
- Authentication
- Authorization (Access Control)
[Can be described as part of Integrity]



2
Answered
out of
question

Question 01

b) **Electronic commerce**, also known as e-commerce, basically refers to selling and buying products and services over the Internet. Write two (02) **advantages** and two (02) **disadvantages** of e-commerce when considering business owners.



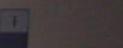
Advantages of e-commerce

1.

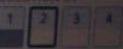
2.

Disadvantages of e-commerce

Quiz navigation



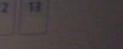
QUESTION 01



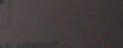
QUESTION 02



QUESTION 03



STUDENT FEEDBACK



points attempt

Time left 1:27:04

Answered
of
question

Question 02

d) Assume you are appointed as the new IT manager of the "ABC company". ABC company handles huge number of money transactions and customer interactions over the internet. The company asked you to distinguish new security services for the company. Name three (03) **security services** that you suggest applying for the company system.



security services

1.

2.

3.

Online Exams

Sri Lanka Institute of Information Technology

QUESTION 01

QUESTION 02

QUESTION 03

QUESTION 04

QUESTION 05

QUESTION 06

QUESTION 07

QUESTION 08

QUESTION 09

QUESTION 10

QUESTION 11

QUESTION 12

QUESTION 13

QUESTION 14

STUDEN

Time

Encryption Algorithms.

Symmetric key Cryptography.

- Use of a single key for encryption & decrypting the information.
- Key exchange problem
Encryption, decryption algorithms are less complex
- faster

Asymmetric key Cryptography (Public key).

- Each person has their own pair of keys
 - * Private key
 - * Public key (Verified Certificate Authority)
- Use one key to encrypt and another to decrypt.
- key exchange problem solved!!

Question 02

c) Explain the terms Symmetric key cryptography and Asymmetric key cryptography.

Symmetric key cryptography	Asymmetric key cryptography

Section 8
yet answered
Marked out of
0
Flag question

Question 02

b) Explain the difference between **Passive** and **Active** intruders.

Active intruders	Passive intruders

[Next page](#)

Seven Simple Changes:

Making Websites more visible to Search Engines.

1. Optimize every page of the website with rich content.
 2. Write unique title tags and meta descriptions for every page. **Cool SEO tools → Site linear or index site creators**
 3. Weed out 404 errors.
 4. Make the page /site content easily shareable.
 5. Optimize images.
 6. Make the Website load faster. **→ better**
 7. Include structured markup.



7
answered
out of
g question

Question 02

a) What is "Search Engine Optimization". Provide three (03) ways you can improve "Search Engine Optimization" in your HTML pages.

The form consists of a text area with a toolbar at the top. The text area contains three numbered lines: '1.', '2.', and '3.'.

... and may use them for malicious purposes.

Following are the important differences between Active Attack and Passive Attack.

Sr. No.	Key	Active Attack	Passive Attack
1	Modification	In Active Attack, information is modified.	In Passive Attack, information remain unchanged.
2	Dangerous For	Active Attack is dangerous for Integrity as well as Availability.	Passive Attack is dangerous for Confidentiality.
3	Attention	Attention is to be paid on detection.	Attention is to be paid on prevention.
4	Impact on System	In Active Attack, system is damaged.	In Passive Attack, system has no impact.
5	Victim	Victim gets informed in active attack.	Victim does not get informed in passive attack.
6	System Resources	System Resources can be changed in active attack.	System Resources are not changed in passive attack.



Mahesh Parahar

Published on 26-Nov-2019 15:39:56



Secure DNS

... .pl

on 5
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d out of
(question)

Question 01

c) III. Explain the differences between **Website** and **Web Application**

Website	Web Application
<ul style="list-style-type: none">Website can be seen as a collection of web pages with statics contentThey are used for communication purpose	<ul style="list-style-type: none">Web application is a single page or a collection pf webpages, with interactive components to dynamically genarate the contentThey are used for automating tasks to achieve certain goals

Age	24
Designation	Social media influencer

- Do not use the TAB key while you type in the answer box as it may go to the next Question

```
<!DOCTYPE html>
<html>
<head>
</head>
<body>
<table>
<tr><th>First Name</th><td>Emily</td></tr>
<tr><th>Image</th><td>Profilepic.jpg</td></tr>
<tr><th>Age</th><td>24</td></tr>
<tr><th>Designation</th><td>social media influencer</td></tr>
</table>
</body>
</html>
```

Image	profilepic.jpg
Age	24
Designation	Social media influencer

- Do not use the TAB key while you type in the answer box as it may go to the next Question

Write your XML sample code in the XML section and HTML sample codes in the HTML section given below.

XML	HTML
------------	-------------

```
<?xml version = "1.0" encoding = "UTF-8"?>
<data>
<firstname>Emily</firstname>
<image>profilepic.jpg</image>
<age>24</age>
<designation>social media influencer</designation>
</data>
```

Search Engine Land SEO SEM LOCAL RETAIL GOOGLE BING SOCIAL RESOURCES LIVE MORE EVENTS

What is SEO?

SEO stands for "search engine optimization." In simple terms, it means the process of improving your site to increase its visibility for relevant searches. The better visibility your pages have in search results, the more likely you are to garner attention and attract prospective and existing customers to your business.

How does SEO work?

Search engines such as [Google](#) and [Bing](#) use bots to crawl pages on the web, going from site to site, collecting information about those pages and putting them in an index. Next, algorithms analyze pages in the index, taking into account hundreds of ranking factors or signals, to determine the order pages should appear in the search results for a given query.

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Available
(Virtual)

LEARN MORE



Question 4

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Question 01

c) II. Explain the differences between **Static Web** and **Dynamic Web**.

Static Web	Dynamic Web
<ul style="list-style-type: none">1. Simple and easier to program2. Cheaper to host3. Difficult to update4. Do not access the database	<ul style="list-style-type: none">1. More complex and difficult to program2. costly to host3. Easier to update4. Access information from a database

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Sri Lanka Institute of Information Technology

Question 01

c) II. Explain the differences between **Static Web** and **Dynamic Web**

Static Web	Dynamic Web
1. Known as flat or stationary websites. 2. Loaded on the client's browser as exactly they are stored on the web server. 3. Codes are fixed for each page so the information contained in the page does not change and it looks like a printed page.	1. Collection of dynamic web pages whose content changes dynamically. 2. It accesses content from a database or content management system (CMS). 3. When user update the content of the database then content of the website is also updated.

[Next Page](#)

hp

Question 6
Not yet answered
Marked out of 6.00
 Flag question

Question 01

d) Prove the following statement by giving two (02) sample codes using XML and HTML.
"XML was designed to carry data and HTML was designed to display data"
(use the data given in the table below).

Name	Kamal Weerasinghe
Gender	Male
Age	18
School	Royal College

Write your HTML sample code in the HTML section and XML sample codes in the XML section given below.

HTML Code

VivoBook

☰ Quiz navigation

QUESTION 01
1 2 3

QUESTION 02
7 8 9 10

QUESTION 03
12 13

STUDENT FEEDBACK
14

Finish attempt...
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of
question

Question 01

c) III. Explain the differences between **Website** and **Web Application**

Website	Web Application
<ul style="list-style-type: none">Easy access.Easy update.Easy save .Easy time and cost .easy advertising .	<ul style="list-style-type: none">Personalized experience, expandability leverage device capabilities.A page may contain multiple features.

Next page

LECTURE NO.

Cookies and Sessions -

Sessions :

- A web application → is a collection of multiple pages .
- A web application may contain multiple pages .
- a page may contain multiple features .
- A user may navigate through multiple pages and use multiple features , while performing complex transactions , when accessing a web application .
- This may cause many request-response cycles . E.g. Online shopping application → items pages , shopping cart page , checkout page etc .

Content .

Sri Lanka Institute of Information Technology

Question 01

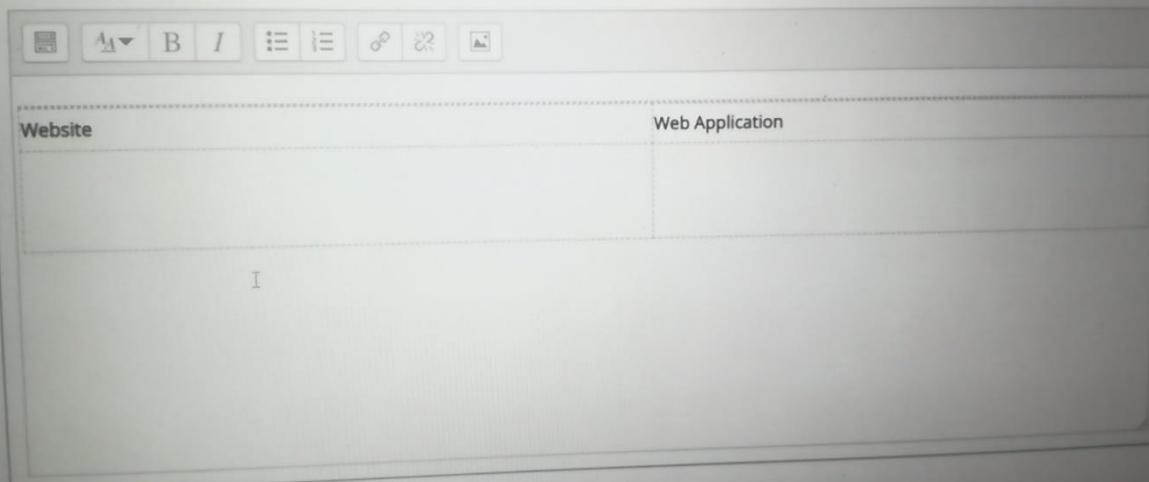
c) I. Explain the differences between **Standalone** and **Distributed Systems**.

Standalone Systems	Distributed Systems
1.Usually one or high level languages of technologies are used to develop(JAVA,.NET). 2.Do not need a network (No need of internet connection).	1.Multiple and loosely coupled set of technologies are used to develop (HTML+CSS+JS+PHP). 2.Need a network, ex-upload in one drive and everyone can access.

hp

Question 01

c) III. Explain the differences between Website and Web Application



X	Website	Web Application
Main Purpose	To make it easy for users to navigate and extract relevant information that meets their needs	To be responsive to user actions; to be interactive and provide users with the ability to manipulate data and make requests for different outputs
Main Features and Benefits	Easy access, easy updating, save time and cost, easy advertising, customer satisfaction	Personalized experience, expandability, leverage device capabilities, customer satisfaction
Main Elements	HyperText Markup Language (HTML), Cascading Style Sheets (CSS), and JavaScript	HTML, CSS, and JavaScript; additionally uses programming languages such as Ruby, PHP, and frameworks such as Ruby on Rails, Scriptcase, Django, and database
Classic Examples	Wikipedia.com, Google.com, CNN.com, MSN.com	Skype, YouTube, Twitter, Photoshop

M onolithic Computer System	D istributed system
<ul style="list-style-type: none"> All the components are executed within a single device 	<ul style="list-style-type: none"> The components are distributed and executed in multiple devices
<ul style="list-style-type: none"> Do not need a network 	<ul style="list-style-type: none"> Need a network
<ul style="list-style-type: none"> Usually one or tightly coupled set of technologies are used to develop (JAVA, .NET) 	<ul style="list-style-type: none"> Multiple and loosely coupled set of technologies are used to develop (HTML+CSS+JS + PHP)

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Advantages of e-commerce

1. Improved business communication and co-ordination facilitates globalization

2. Increased market share

Disadvantages of e-commerce

1. Increased the number of shipments and journeys

2. Depend on power and Internet

Question 01

c) II. Explain the differences between Static Web and Dynamic Web.

Question 2

Not yet answered
Marked out of

▼ Flag questions

Question 01

b) **Electronic commerce**, also known as e-commerce, basically refers to selling and buying products and services over the Internet. Write two (02) **advantages** and two (02) **disadvantages** of e-commerce when considering business owners.

The screenshot shows a Microsoft Word document with a blue header bar containing various icons for font, style, and layout. The main content area has a light beige background with a dotted horizontal line separating sections. The first section is titled "Advantages of e-commerce" in bold black font. Below it is a numbered list: "1. After the capital cost, maintenance cost is low." and "2. Global customers." A small "I" is positioned below the second item. The bottom section is titled "Disadvantages of e-commerce" in bold black font.

Advantages of e-commerce

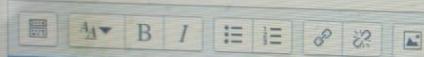
1. After the capital cost, maintenance cost is low.
2. Global customers.

Disadvantages of e-commerce



Not yet answered
Marked out of
4.00
Flag question

b) **Electronic commerce.** also known as e-commerce, basically refers to selling and buying products and services over the Internet. Write two (02) **advantages** and two (02) **disadvantages** of e-commerce when considering business owners.



Disadvantages of e-commerce

1. For physical items, storing and distributing is needed.
2. Need to update the system frequently.

QUESTION 1
QUESTION 7
QUESTION 12
STUDENT 14
Finish Time left

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jeabiWmwsgG37Vg:16073218324... ☆ 🔍 ⌂ G ✓ ↻

STATIC WEBSITE VERSUS DYNAMIC WEBSITE

Static Website	Dynamic Website
Content is fixed and each page is coded in plain HTML and CSS.	Content is dynamic which changes according to user's preferences.
Displays the same design and content to every user who visits the website.	Offers a unique mix of dynamic content, multimedia elements and interactive features.
Updates can be tedious and prone to errors.	Design updates can be much simpler.
More control and flexibility as each page design is unique.	User has complete control over updating the design and changing the content.
Plain HTML is required to create static pages.	PHP, JavaScript, ASP, and JSP can be used to create dynamic pages.

DifferenceBetween.net

enceBetween.net

mic-website%2F&psig=AOvVaw0LC0wuNg-jEMBm0uSlcec08ust=16074082563540008&ou

11/12

Computer based systems according to the distribution in to 2 types, according of components.

- * Standalone Systems (or commonly referred as desktop applications).

* Distributed Systems

Standalone Computer System

- * All the components are executed within a single device.

Distributed System .

- * The components are distributed and executed in multiple devices.
 - * Do not need a network.
 - * Need a network.
- usually one or tightly coupled
Set of technologies are used to develop CJAVA:NET
- Multiple and loosely coupled
Set of technologies are used to develop - HTML + CSS + JST + PHP

a) Explain the difference between the terms **Internet** and **World Wide Web**.

flag question

Internet	World Wide Web
<ul style="list-style-type: none">• Uses transmission control protocol/ Internet protocol (TCP/IP)• A global system of interconnected computer network that use the IP protocols to link devices worldwide• Massive interconnection of computer networks around the world.• There are variety of ways to access the internet	<ul style="list-style-type: none">• Uses hyper text transfer protocol (HTTP)• Online content that is formatted in HTML and accessed via HTTP protocols• Service provided by the internet• Application called web browsers that make it easy to access the WWW

Next page



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E-commerce systems and forms

Advantages of e-commerce

- *To businesses*
 - .— After the capital cost, maintenance cost is low
 - .— Global customers
 - .— Increased market share
 - .
 - .

E-commerce systems and forms

Advantages of e-commerce

- To customers
 - – No queues
 - – Reduced price
 - – Global transactions
 - – Available 24/7
 - – Wide collection for easy selection



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E-commerce systems and forms

Disadvantages of e-commerce

- To customers
 - – Cannot examine the product
 - – Lacks the shopping experience
 - – Needs internet access
 - – Can be addicted



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3. E-commerce systems and forms

Disadvantages of e-commerce

- *To businesses*
 - – For physical items, storing and distributing is needed
 - – Need to update the system frequently
 - – Depends on the power and the internet

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here to search

3
Answered
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Question 01

c) I. Explain the differences between Standalone and Distributed Systems.

Standalone Systems	Distributed Systems

Next page

Advantages.

Businesses.

- After the Capital costs, maintenance cost is low
- Global customers
- Increased market share.

Disadvantages.

- for physical items, storing and distributing is needed
- Need to update the system frequently.
- Depends on the power and the internet.

E-commerce Systems use web forms to capture the customers' data and send to the server for processing.

Question 01

b) **Electronic commerce**, also known as e-commerce, basically refers to selling and buying products and services over the Internet. Write two (02) advantages and two (02) disadvantages of e-commerce when considering business owners.

The form has a toolbar at the top with icons for bold, italic, underline, etc. Below the toolbar are two sections: "Advantages of e-commerce" and "Disadvantages of e-commerce". Each section has a numbered list area (1., 2.) and a larger text input area below it.

Advantages of e-commerce	
1.	I
2.	
Disadvantages of e-commerce	
1.	

pediaa.com

Computer Fundam... Eduscope Google AdSense - E... (2) Chamika Kalpara Blogger: Traveling S... ELLA, SRI LANKA: T... Ocean University of... Other bookmarks

INTERNET VERSUS WORLD WIDE WEB

INTERNET	WORLD WIDE WEB
A global system of interconnected computer networks that use the TCP/IP protocol to link devices worldwide	Online content that is formatted in HTML and accessed via HTTP protocol
A massive interconnection of computer networks around the world	Service provided by the internet
Uses Transmission Control Protocol/Internet Protocol (TCP/IP)	Uses Hyper Text Transfer Protocol (HTTP)

Visit www.PEDIAA.com

THE INTERNET AND THE WWW ARE NOT THE SAME

Internet	WWW
<ul style="list-style-type: none">The <i>Internet</i> is a massive network of networks.It connects millions of computers together globally,forming a network in which any computer can communicate with any other computer as long as they are both connected to the Internet.Information travels over the Internet using a variety of languages known as protocols.	<ul style="list-style-type: none">The <i>World Wide Web</i>, or simply <i>Web</i>,is a way of accessing information over the medium of the Internet.The <i>Web</i> uses the <i>HTTP</i> protocol, only one of the languages spoken over the Internet, to transmit data.

638 - 479

INTERNET VERSUS WORLD WIDE WEB

INTERNET

A global system of interconnected computer networks that use the TCP/IP protocol to link devices worldwide

A massive interconnection of computer networks around the world

Uses Transmission Control Protocol/Internet Protocol (TCP/IP)

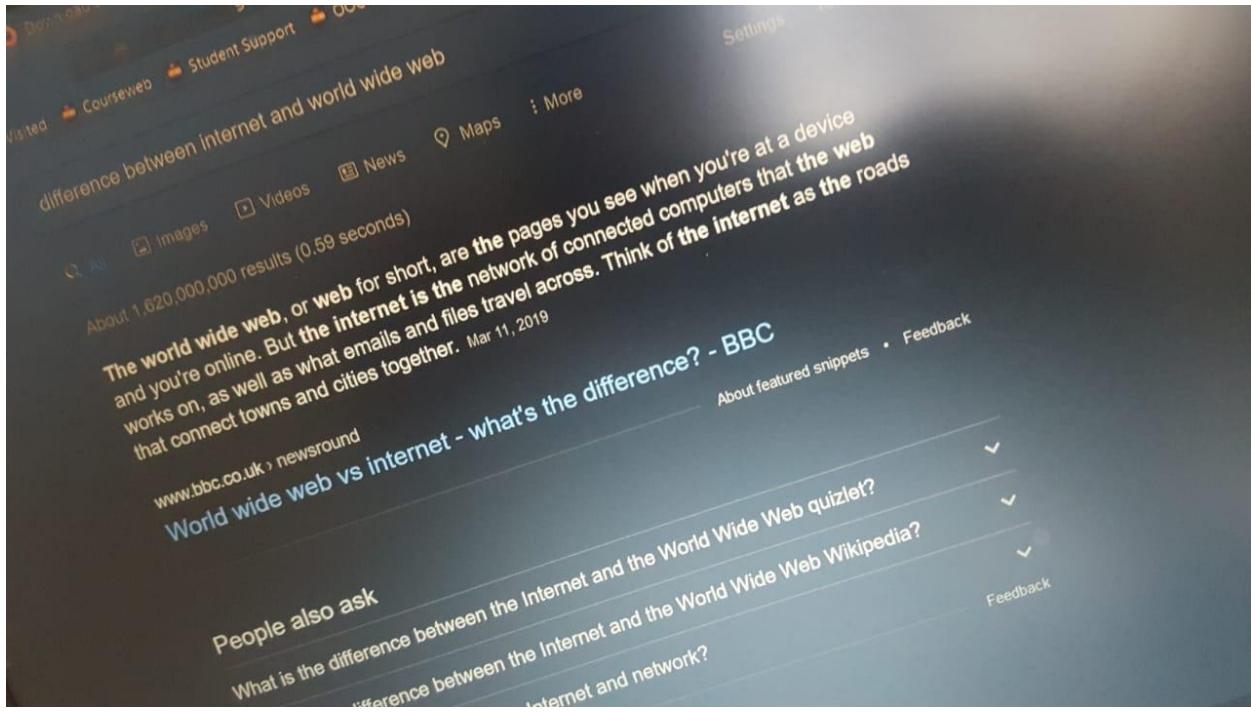
WORLD WIDE WEB

Online content that is formatted in HTML and accessed via HTTP protocol

Service provided by the internet

Uses Hyper Text Transfer Protocol (HTTP)

Visit www.PEDIAA.com



Dialog 4G 75% 11:32

<https://www.google.com/search> 10 · ·

differentce between Internet and w

ALL IMAGES VIDEOS NEWS MAPS

Showing results for **difference between Internet and www**

Search instead for [difference between Internet and www](#)

The **Internet** is a global network of networks while the **Web**, also referred formally as World Wide **Web** (www) is collection of information which is accessed via the **Internet**. Another way to look at this **difference** is; the **Internet** is infrastructure while the **Web** is service on top of that infrastructure. May 29, 2017

www.geeksforgeeks.org › what's...

[What's difference between The Internet and The Web ...](#)

About featured snippets Feedback



Question 1

Not yet answered

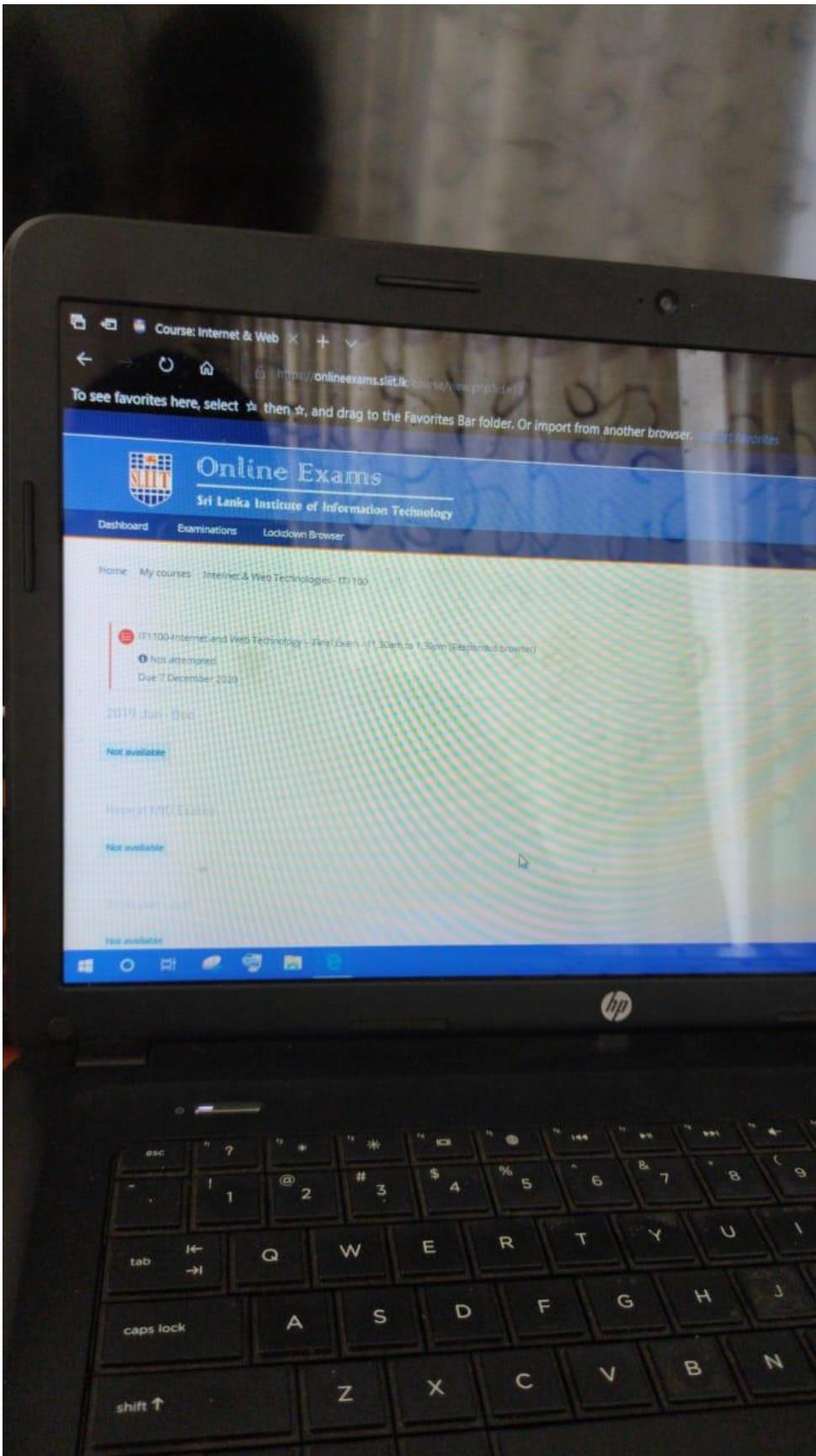
Marked out of
4.00

Flag question

Question 01

a) Explain the difference between the terms Internet and World Wide Web.

<table border="1"><thead><tr><th>Internet</th><th>World Wide Web</th></tr></thead><tbody><tr><td>I</td><td></td></tr></tbody></table>	Internet	World Wide Web	I	
Internet	World Wide Web			
I				





2/2

සිනමාකරණය ගැනයි ජනමාධ්‍යවේදය ගැනයි හොඳ knowledge එකක් ගන්න පුළුවන් workshop එකක් ඇමුණු organize කරලා තීනවා. ඔය විස්තර එක කියවලා බලන්නකා. අනිවාරෙන්ම මේක අඩ්‍යත්ම දුයක් ඉගෙනගන්න පුළුවන් workshop එකක්.

Google form එක fill කරලා **workshop** එකට register වෙන්න.

Whatsapp status දාලා

Whatsapp group වල share කරලා ගෛවන්ටත් join වෙන්න කියන්න.

Reply

File Edit View Go Run Terminal Help a.php - Visual Studio Code

Promod Nadula > Desktop > practice > a.php

```
while ($row = mysqli_fetch_assoc($result)) {  
    $empID = $row['empID'];  
    $empName = $row['empName'];  
    $basicSalary = $row['BasicSalary'];  
    $OTRate = $row['OTRate'];  
    $OHours = $row['OTHours'];  
    $month = $row['Month'];  
    $sum = $basicSalary + $OTRate*$OHours;  
}  
  
<td>  
    <?php echo $empID ?></td>  
</td>  
<td>  
    <?php echo $empName ?></td>  
</td>  
<td>  
    <?php echo $basicSalary ?></td>  
</td>  
<td>  
    <?php echo $OTRate ?></td>  
</td>  
<td>  
    <?php echo $OHours ?></td>  
</td>  
<td>  
    <?php echo $sum ?></td>  
</td>  
  
>
```

Screen Reader Optimized In 50 Col 13 Sources: 4 UTF-8 CRLF PHP AS

ASUS



Question 2

f) How you can protect your Microsoft Office mails, give three (03) security best practices that should be practiced by any mail user.

1.
2.
3.

```
<div class="second">  
Op:<input type="text" value)+" id="oper" class="box2">  
</div>  
<div id="result"></div>  
<div class="third">  
<span id="demo">Sum:0.00</span>  
</div>  
</div>  
<script src="script.js"></script>  
</body>  
</html>
```

```
Num1:<input type="text" value="0" id="first" class="box1"><br>
Num2:<input type="text" value="0" id="second" class="box1"
<a class="btn" onclick="function()">Calculate!</a>
</div>
<div class="second">
Op:<input type="text" value="+" id="oper" class="box2">
</div>
<div id="result"></div>
<div class="third">
<span id="demo">Sum:0.00</span>
</div>
</div>
```

Source code - ODD - EVEN Calculator.html

```
<html>
<head>
<title>ODD - EVEN Calculator</title>
<script type="text/javascript">
$(function(){
    $('.btn').on("click",function(){
        var first_number=$('#first').val();
        var second_number=$('#second').val();
        var result=parseInt(first_number)+parseInt(second_number);
        alert(result);
        $('#result').html("Sum of odd values from 2 to 5 "+result);
    })
})
```

The screenshot shows a code editor window with a toolbar at the top containing icons for calendar, font size, bold, italic, alignment, and other document tools. The code itself is a combination of HTML and JavaScript:

```
$('#result').html("Sum of odd values from 2 to 5 "+result);
$("#demo").html("Sum: "+result);
});

</script>
</head>
<body>
<div id="main">
<div class="first">
Num1:<input type="text" value="0" id="first" class="box1"><br>
| Num2:<input type="text" value="0" id="second" class="box1"
```

Question 11
Not yet answered
Marked out of 20.00
Flag question

Question 3

Part A

You are asked to create a webpage ("ODD - EVEN Calculator.html") using HTML and JavaScript where users can input the starting value and the end value of a number range. The page should display the sum of odd numbers and even numbers, once the user clicks the "Calculate" button. Complete the following steps (a - c). **Write your answers (a - c) (codes) as one source code** in the given space.

a) Write a HTML code to generate a web interface to get two (02) user inputs, with a button as explained below.

Label ----> Enter Starting Value : Text Box

Label ----> Enter End value : Text Box

Button ----> Calculate

b) Write a JavaScript function ("calculateSum()") to accept user inputs (starting value and the end value), through the two boxes and generate the output as below (Figure 01).

ODD values from 2 to 5 are 3,5
Sum of ODD values from 2 to 5 is 8

EVEN values from 2 to 5 are 2,4
Sum of EVEN values from 2 to 5 is 6

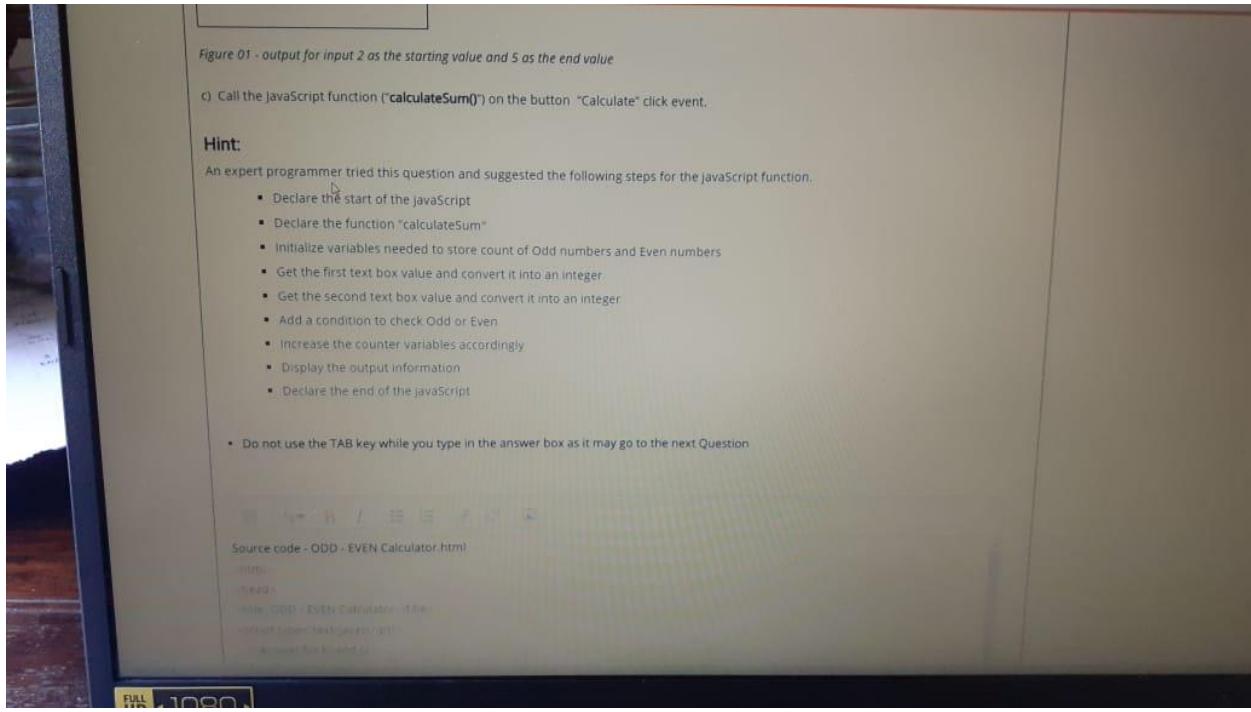
Figure 01 - output for input 2 as the starting value and 5 as the end value

c) Call the JavaScript function ("calculateSum()") on the button "Calculate" click event.

Hint:

Quiz navigation:
QUESTION 01
QUESTION 02
QUESTION 03
STUDENT FEEDBACK
Finish attempt...
Time left 0:39:40

FULL HD 1080



5. e-Life & Security Best Security Practices – Gmail

- Constantly check recent account activity for anything suspicious. Use 'Recent Security Event' tool.
- Enable 'Authentication icon for verified senders' tool.
- Do not open 'Spam' emails unless 100% certain
- Unique & strong password!
- Update your web browser
- Complete Gmail's Security Checkup

Online Exams
Sri Lanka Institute of Information Technology

Question 2

d) Explain the differences of terms **Integrity** and **Confidentiality** in internet security services.

Integrity

I

Sri Lanka Institute of Information Technology

Question 10
Not yet answered
Marked out of 3.00
Flag question

Question 2

f) How you can protect your Microsoft Office mails, give three (03) **security best practices** that should be practiced by any mail user.

mail's mail malls

1. mails
2.
3.

QUESTION 11
STUDY 13
Finish Time left

Question 2

- d) Explain the differences of terms **Integrity** and **Confidentiality** in internet security services.

Figure 01 - output for input 2 as the starting value and 5 as the end value

c) Call the JavaScript function ("calculateSum()") on the button "Calculate" click event.

Hint:

An expert programmer tried this question and suggested the following steps for the JavaScript function.

- Declare the start of the JavaScript
- Declare the function "calculateSum"
- Initialize variables needed to store count of Odd numbers and Even numbers
- Get the first text box value and convert it into an integer
- Get the second text box value and convert it into an integer
- Add a condition to check Odd or Even
- Increase the counter variables accordingly
- Display the output information
- Declare the end of the JavaScript

▪ Do not use the TAB key while you type in the answer box as it may go to the next Question

Source code - ODD - EVEN Calculator.html

```
<html>
<head>
<title>ODD - EVEN Calculator</title>
<script type="text/javascript">
// Answer for b) and c)
```

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Question 11
Not yet answered
Marked out of 30.00
Flag question

Question 3

Part A

You are asked to create a webpage ("ODD - EVEN Calculator.html") using HTML and JavaScript where users can input the starting value and the end value of a number range. The page should display the sum of odd numbers and even numbers, once the user clicks the "Calculate" button. Complete the following steps (a - c). **Write your answers (a - c)(codes) as one source code** in the given space.

a) Write a HTML code to generate a web interface to get two (02) user inputs, with a button as explained below.

Label --> Enter Starting Value : Text Box

Label --> Enter End value : Text Box

Button -----> Calculate

b) Write a JavaScript function (`calculateSum()`) to accept user inputs (starting value and the end value) through the two boxes and generate the output as below (Figure 01).

ODD values from 2 to 5 are 3,5
Sum of ODD values from 2 to 5 is 8

EVEN values from 2 to 5 are 2,4
Sum of EVEN values from 2 to 5 is 6

Figure 01 - output for input 2 as the starting value and 5 as the end value

c) Call the JavaScript function (`calculateSum()`) on the button "Calculate" click event.

Hint:

QUESTION 01
1 2 3 4

QUESTION 02
5 6 7 8 9

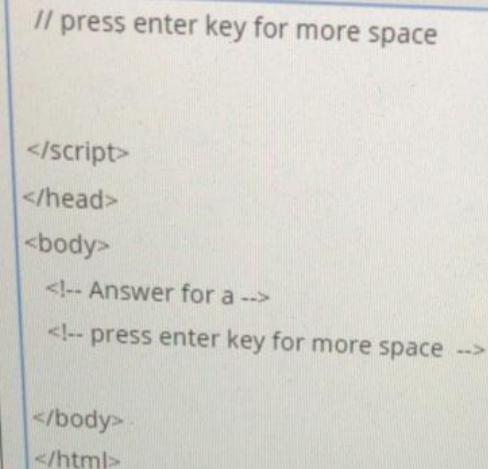
QUESTION 03
11 12

STUDENT FEEDBACK
13

Finish attempt ...
Time left 0:42:49

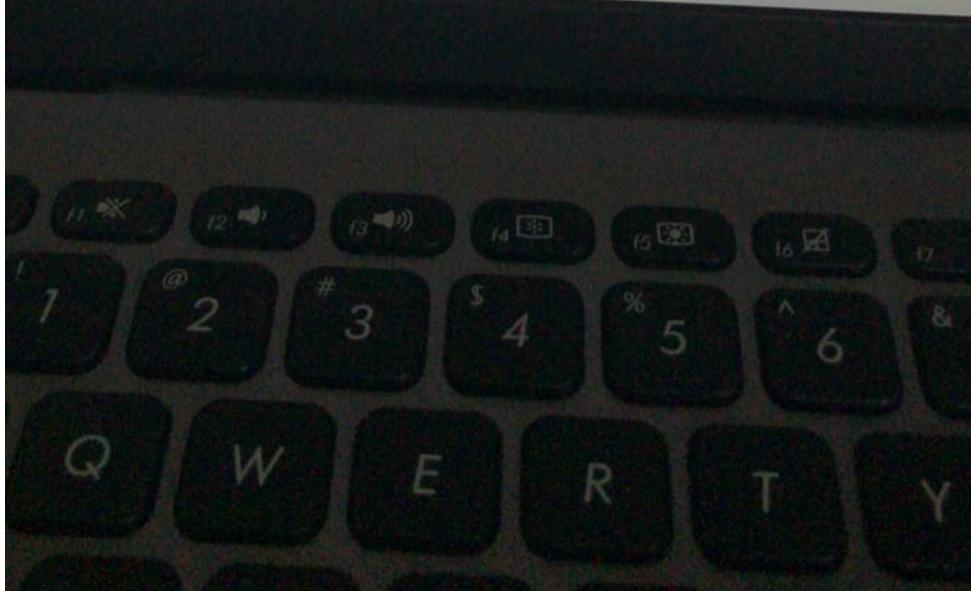
- Declare the end of the JavaScript

- Do not use the TAB key while you type in the answer box as it may give you extra space.

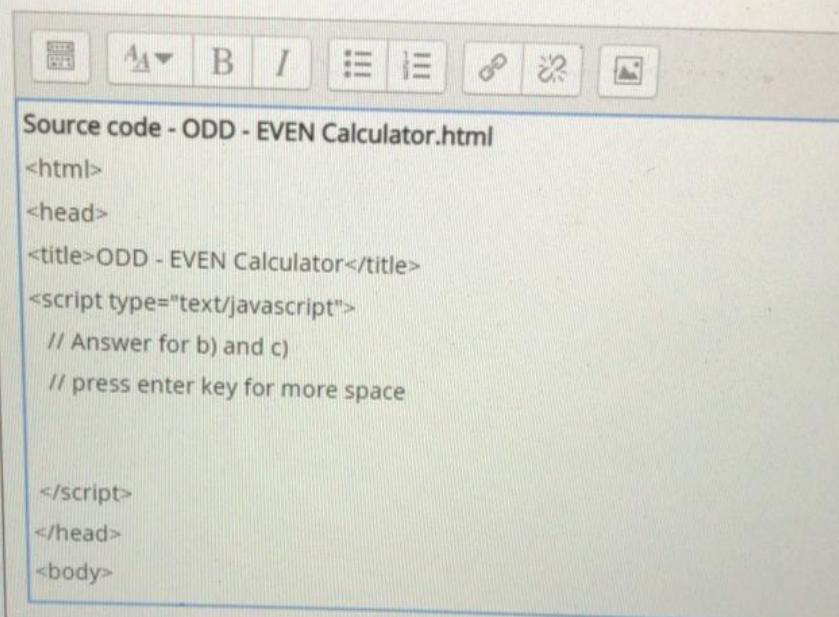


// press enter key for more space

```
</script>
</head>
<body>
    <!-- Answer for a -->
    <!-- press enter key for more space -->
</body>
</html>
```



- Add a condition to check Odd or Even
 - Increase the counter variables accordingly
 - Display the output information
 - Declare the end of the javaScript
- Do not use the TAB key while you type in the answer box as it may go

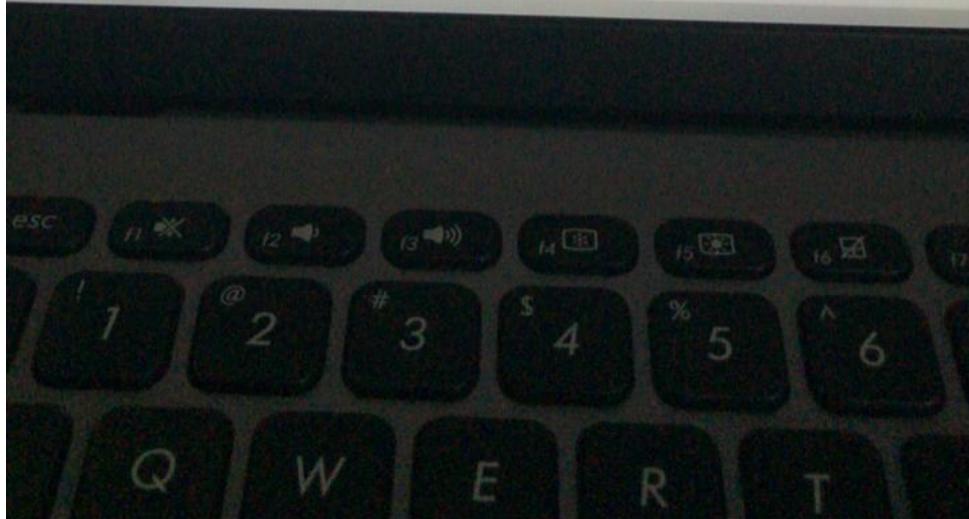


The screenshot shows a web browser window with the following interface elements:

- Toolbar icons: A calendar, a dropdown arrow, bold (B), italic (I), a list icon, a list icon with a minus sign, a search icon, and a refresh/circular arrow icon.
- Title bar: "Source code - ODD - EVEN Calculator.html"
- Code area:

```
<html>
<head>
<title>ODD - EVEN Calculator</title>
<script type="text/javascript">
    // Answer for b) and c)
    // press enter key for more space

</script>
</head>
<body>
```



c) Call the JavaScript function ("calculateSum()") on the button "Calculate" click event.

Hint:

An expert programmer tried this question and suggested the following steps for the JavaScript function.

- Declare the start of the JavaScript
- Declare the function "calculateSum"
- Initialize variables needed to store count of Odd numbers and Even numbers
- Get the first text box value and convert it into an integer
- Get the second text box value and convert it into an integer
- Add a condition to check Odd or Even
- Increase the counter variables accordingly
- Display the output information
- Declare the end of the JavaScript

• Do not use the TAB key while you type in the answer box as it may go to the next Question

The screenshot shows a code editor window titled "Source code - ODD - EVEN Calculator.html". The code is as follows:

```
<html>
<head>
<title>ODD - EVEN Calculator</title>
<script type="text/javascript">
// Answer for b) and c)
```

Question 11
Not yet answered
Marked out of 30.00
Flag question

Question 3

Part A

You are asked to create a webpage ("ODD - EVEN Calculator.html") using HTML and JavaScript where users can input the starting value and the end value of a number range. The page should display the sum of odd numbers and even numbers, once the user clicks the "Calculate" button. Complete the following steps (a – c). Write your answers (a – c)(codes) as one source code in the given space.

a) Write a HTML code to generate a web interface to get two (02) user inputs, with a button as explained below.

Label ---> Enter Starting Value : Text Box

Label ---> Enter End value : Text Box

Button -----> Calculate

b) Write a JavaScript function ("calculateSum()") to accept user inputs (starting value and the end value) through the two boxes and generate the output as below (Figure 01).

The screenshot shows a browser window displaying the output of the program. The output is contained within a red-bordered box:

```
ODD values from 2 to 5 are 3.5
Sum of ODD values from 2 to 5 is 8

EVEN values from 2 to 5 are 2.4
Sum of EVEN values from 2 to 5 is 6
```

Figure 01 - output for input 2 as the starting value and 5 as the end value

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QUESTION EXAMINERS

Question 6
Not yet answered
Marked out of
3.00
Flag question

Question 2

b) "Your social media development is key to visibility, advertising and growth. Integration is an effective way to develop your social media marketing plan" Explain the statement with existing examples.

[A large text area with a toolbar above it, containing the letter 'I'.]

QUESTION 01
1 2 3 4

QUESTION 02
5 6 7 8 9

QUESTION 03
11 12

STUDENT FEEDBACK
13

Finish attempt ...
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H T T P V E R S U S H T T P S

HTTP	HTTPS
An application protocol for distributed, collaborative, and hypermedia information systems	An extension of HTTP protocol for secure communication over a computer network
Stands for Hyper Text Transfer Protocol	Stands for Hyper Text Transfer Protocol Secure
Less secure	More secure
Works in the application layer of the OSI model	Works in the transport layer of the OSI model
Does not use a certificate	Uses SSL certificate
There is no encryption and decryption	There is encryption and decryption
Helps to transfer text, audio, video, images through web pages	Helps to transfer data securely via the network

Visit www.PEDIAA.com

diaa.Com

2=images&cd=vfe&ved=0CAIQjRxqFwoTCOCJ45P8uu0CFQAAAAAdAAAAABAD

U: 0.19 kB/s D: 0.22 kB/s 9:22 AM 2020-12-07 2

Google (4) YouTube Gmail WhatsApp https://courseweb.s... The Official Home... Watch 'Call with Ku... Dramacool | Asian... Piratek.com -

generally either 40 or 128 bits in strength.

KEY DIFFERENCE

- HTTP lacks security mechanism to encrypt the data whereas HTTPS provides SSL or TLS Digital Certificate to secure the communication between server and client.
- HTTP operates at Application Layer whereas HTTPS operates at Transport Layer.
- HTTP by default operates on port 80 whereas HTTPS by default operates on port 443.
- HTTP transfers data in plain text while HTTPS transfers data in cipher text (encrypt text).
- HTTP is fast as compared to HTTPS because HTTPS consumes computation power to encrypt the communication channel.

Advantages of HTTP:

- HTTP can be implemented with other protocol on the Internet, or on other networks
- HTTP pages are stored on computer and internet caches, so it is quickly accessible
- Platform independent which allows cross-platform porting

1. HTTP URL in your browser's address bar is `http://` and the HTTPS URL is `https://`.

2. HTTP is unsecured while HTTPS is secured.

3. HTTP sends data over port 80 while HTTPS uses port 443.

4. HTTP operates at application layer, while HTTPS operates at transport layer.

5. No SSL certificates are required for HTTP, with HTTPS it is required that you have an SSL certificate and it is signed by a CA.

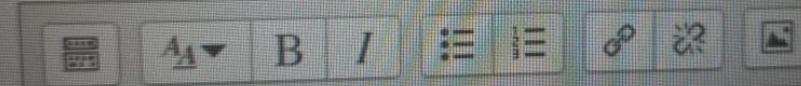
6. HTTP doesn't require domain validation, where as HTTPS requires at least domain validation and certain certificates even require legal document validation.

7. No encryption in HTTP, with HTTPS the data is encrypted before sending.

Summary

Question 2

c) What are the advantages of **cyber security**?



People also ask

What are the benefits of cyber security? ↑

Benefits of managing cybersecurity?

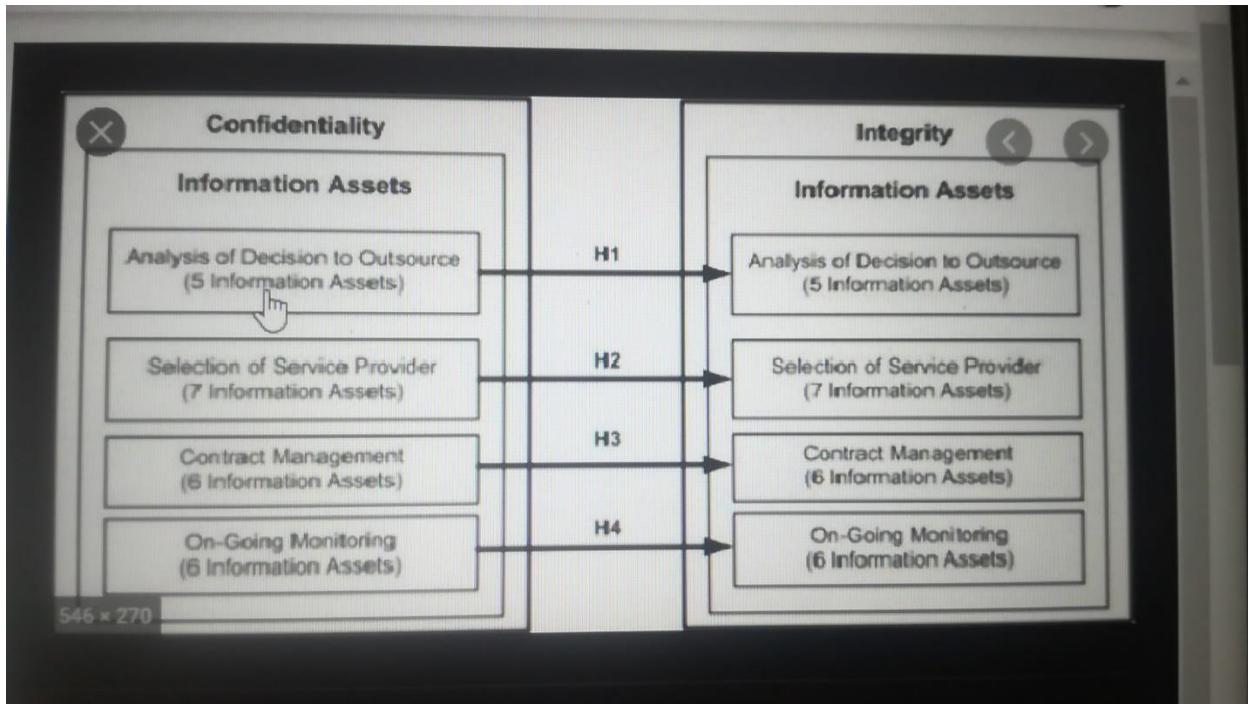
- Protect networks and data from unauthorized access.
- Improved information **security** and business continuity management.
- Improved stakeholder confidence in your information **security** arrangements.
- Improved company credentials with the correct **security** controls in place.

[More items...](#)

[www.bsigroup.com](#) › en-GB › Cyber-Security

Cyber Security - Protecting networks, computers and dat...

Search for: What are the benefits of cyber security?





google.com/search?cli...

5



Google



Parallelization policy of crawling pc



ALL

IMAGES

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MAPS

Parallelization policies are used to coordinate multiple web **crawlers** **crawling** the same Web space. The goal is to maximize the download rate of the resources as well as refraining the web **crawlers** from downloading the same pages. Mar 8, 2011



www.cellopoint.com › 2011/03 › W...

[Web Crawlers - Crawling Policies | Cellopoint](#)



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Feedback



en.m.wikipedia.org › wiki › Web_c...

[Web crawler - Wikipedia](#)

Jump to [Crawling policy](#) – The behavior of a Web crawler is the outcome of a combination of

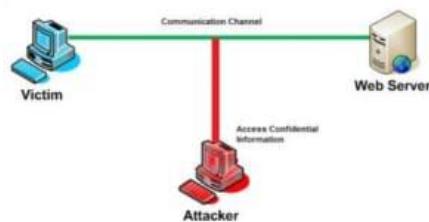




17

3. Internet Security Services Confidentiality

- Can be defined as the '**Secrecy**' of the message
- Also known as '**Privacy**'

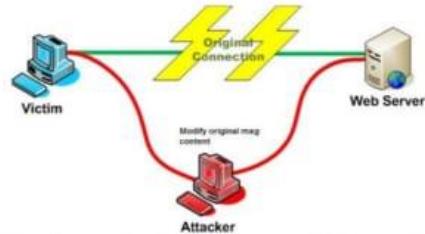


- Note: attacker doesn't change any information
(Passive Intruder)

18

3. Internet Security Services Integrity

- Can be defined as the '**Security**' of the message
- Ensure that the message will be delivered to the receiver
without being modified in the middle by the intruder.



- Note: attacker actively change any information
(Active Intruder)

19

3. Internet Security Services Availability

- Assuring information and communications services will be ready for use when expected.
- Information must be kept available to **authorized**



Google



briefly explain web crawling policies

ALL

IMAGES

NEWS

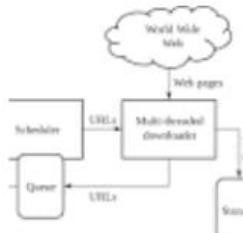
VIDEOS

MAPS

Showing results for briefly explain web
crawling policies

Search instead for briefly explain web crawling
policies

Crawling policy. The behavior of a **Web crawler** is the outcome of a combination of **policies**: a selection **policy** which states the pages to download, a re-visit **policy** which states when to check for changes to the pages, a politeness **policy** that states how to avoid overloading **Web** sites.



W en.m.wikipedia.org › wiki › Web_c...

[Web crawler - Wikipedia](#)

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People also ask





ion 5

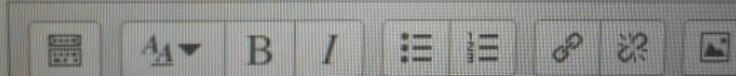
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Question 2

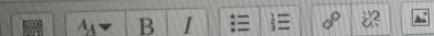
- a) Briefly explain web **crawling** policies.



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t of
question

Question 2

- b) "Your social media development is key to visibility, advertising and growth. Integration is an effective way to develop your social media marketing plan" Explain the statement with existing examples.



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Finish at

Question 6

Not yet answered

Marked out of
3.00

 Flag question

Question 2

b) "Your social media development is key to visibility, advertising and growth. Integration is an effective way to develop your social media marketing plan" Explain the statement with existing examples.



I

awling pol X Spinbot.com - Article Spinning. X (1) WhatsApp X cyb
google.com/search?q=cyber+security+advantages&oq=cyber+security+adv&aqs=chrome.1.69i57j0i45
YouTube Gmail WhatsApp https://courseweb.s... The Official Home... Watch

cyber security advantages X Microphone Search

All Images News Videos Maps More Settings Tools

About 58,800,000 results (0.69 seconds) << Add Grepper Answer (a)

Benefits of managing cybersecurity?

- Protect networks and data from unauthorized access.
- Improved information **security** and business continuity management.
- Improved stakeholder confidence in your information **security** arrangements.
- Improved company credentials with the correct **security** controls in place.

More items

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Cyber Security - Protecting networks, computers and data |...

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Top 10 Benefits Of A Cyber Security Solution - Nouveau ...

How Your Business Can Benefit From a Cyber Security Solution. It Can Protect Your Business

– The biggest **advantage** is that the best in IT security **cyber security**

People also search for

cyber security job benefits advantages of security and safety

m/search?q=cyber+security+advantages&xsrf=ALeKk00R61dw7oyH56fT2wpmSwgcZkDYbg:1607312227514&tbo=isch&source=iu&ictx=1

Adds VivoBook

2 3 4 5 6 7 8

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Question 7
Not yet answered
Marked out of 4.00
Flag question

Question 2

c) What are the advantages of **cyber security**?

Text editor toolbar:

Build anything with Google

Events

SLIIT FACULTY OF COMPUTING IT1100 - IWT – Search Engines and Social Media – Mr. Aruna Ishara Gamage

The Facebook SDK for PHP is a library with powerful features that enable PHP developers to easily integrate Facebook login and make requests to the Graph API.

But it doesn't end there, the Facebook SDK for PHP makes it easy to upload photos and videos and send batch requests to the Graph API among other things.

Whether you're developing a website with Facebook login, creating a Facebook Canvas app or Page tab, the Facebook SDK for PHP does all the heavy lifting for you making it as easy as possible to deeply integrate into the Facebook platform.

Notes Comments

90 12/11/2016 12:58 AM

► Popular social media sites/applications provides various widgets, which can be integrated into other systems.

► Google logging, Facebook comments, YouTube video

► Usually the social media site/application provides the integration details.

SLIIT
FACULTY OF COMPUTING IT1100 - IWT – Search Engines and Social Media – Mr. Aruna Ishara Gamage

Social media integration is a marketing tool that allows you to use social channels as an extension of your existing branding and marketing strategy. Your social media development is key to visibility, advertising and growth. Integration is an effective way to develop your social media marketing plan.

Question 6
Not yet answered
Marked out of 3.00
Flag question

Question 2

b) "Your social media development is key to visibility, advertising and growth. Integration is an effective way to develop your social media marketing plan" Explain the statement with existing examples.

Popular social media sites/applications provides various |

The image shows a laptop screen with two windows open. The top window is a code editor showing the following HTML code:

```
C: > Users > ACER > txt.html > p  
1  <p>Emily</p>  
2    
3  <p>24</p>  
4  <p>Social media influencer</p>
```

The bottom window is a document titled "Question 2" containing the following text:

b) "Your social media development is key to visibility, advertising and growth. Integration is an effective way to develop your social media marketing plan" Explain the statement with existing examples.

Search Engines
Web Crawling

- ▶ Search engines use an application called web crawler (*also called spider or bot*) to systematically crawl/browse through the content in the WWW.
- ▶ The web sites are optimized for the crawler to access, identify, and understand the content easily.
- ▶ Web site/application owners can submit their domain details to search engines to ensure the indexing.

Search Engines
Web Crawling

- ▶ Web crawler uses policies to have optimal results, yet not damaging the web site
 - ▶ Selection Policy
 - ▶ Re-visit Policy
 - ▶ Politeness Policy

SLIIT FACULTY OF COMPUTING IT1100 - IWT – Search Engines and Social Media – Mr. Aruna Ishara Gamage

U: 0.00 MB/s D: 0.19 MB/s 8:54 AM 2020-12-07

Question 5
Not yet answered
Marked out of 4.00
Flag question

Question 2

a) Briefly explain web **crawling policies**.

Web crawler uses policies to have optimal results,yet not damagin

Write your XML sample code in the XML section and HTML sample codes in the HTML section given below.

XML

```
<firstname> Emily </firstname>

<image> profilpic.jpg </image>

<Age> 24 </Age>

<Designation> Social media influencer </Designation>
```



Question 4
Not yet answered
Marked out of 6.00
Flag question

Question 01

d) Prove that XML is to store/send data whereas HTML is to display data by giving two (02) sample codes using XML and HTML (use the data given in the table below).

First Name	Emily
Image	profilepic.jpg
Age	24
Designation	Social media influencer

- Do not use the TAB key while you type in the answer box as it may go to the next Question

Write your XML sample code in the XML section and HTML sample codes in the HTML section given below.

XML

Answered
of
question

d) Prove that XML is to store/send data whereas HTML is to display data by giving two (02) sample codes using **XML** and **HTML** (use the data given in the table below).

First Name	Emily
Image	profilepic.jpg
Age	24
Designation	Social media influencer

• Do not use the TAB key while you type in the answer box as it may go to the next Question

Write your XML sample code in the XML section and HTML sample codes in the HTML section given below.

XML

Question 4
Not yet answered
Marked out of 6.00
Flag question

Question 01

d) Prove that XML is to store/send data whereas HTML is to display data by giving two (02) sample codes using **XML** and **HTML** (use the data given in the table below).

First Name	Emily
Image	profilepic.jpg
Age	24
Designation	Social media influencer

• Do not use the TAB key while you type in the answer box as it may go to the next Question

HTML

QUESTION 01
1 2 3

QUESTION 02
5 6 7

QUESTION 03
11 12

STUDENT FEEDBACK
13

Finish attempt...
Time left 1:31:30

Q1
Q2
Q3
Q4
Q5
Q6
Q7
Q8
Q9
Q10
ST0
ST1
ST2
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ST5
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ST13

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Question 4
Not yet answered
Marked out of 6.00
Flag question

Question 01

d) Prove that XML is to store/send data whereas HTML is to display data by giving two (02) sample codes using XML and HTML (use the data given in the table below).

First Name	Emily
Image	profilepic.jpg
Age	24
Designation	Social media influencer

Do not use the TAB key while you type in the answer box as it may go to the next Question

HTML

FULL

QUESTION 01
1 2 3 4

QUESTION 02
5 6 7 8 9

QUESTION 03
11 12

STUDENT FEEDBACK
13

Finish attempt ...
Time left 1:31:41

Sri Lanka Institute of Information Technology

Question 4
Not yet answered
Marked out of 6.00
Flag question

Question 01

d) Prove that XML is to store/send data whereas HTML is to display data by giving two (02) sample codes using XML and HTML (use the data given in the table below).

First Name	Emily
Image	profilepic.jpg
Age	24
Designation	Social media influencer

Do not use the TAB key while you type in the answer box as it may go to the next Question

XML

Write your XML sample code in the XML section and HTML sample codes in the HTML section given below.

QUESTION 01
1 2 3

QUESTION 02
5 6 7

QUESTION 03
11 12

STUDENT FEEDBACK
13

Finish attempt ...
Time left 1:31:49

why we need dns server ?

About 102,000,000 results (0.78 seconds) << Add Grepper Answer (a)

DNS provides a name to number (IP address) mapping or translation, allowing internet users to **use**, easy to remember names, and not numbers to access resources on a network and the Internet. Nov 30, 2019

[www.steves-internet-guide.com › dns-guide-beginners](http://www.steves-internet-guide.com/dns-guide-beginners)

Understanding DNS - Beginners Guide to DNS

About featured snippets • Feedback

People also ask

Why DNS server is used?

About 87,900,000 results (0.60 seconds)

Showing results for **why we need a dns server**
Search instead for **why we need a dna server**

DNS (Domain Name Server) is mainly used to convert human meaningful name (**domain name**) to computer meaningful name (**IP address**) in Internet. ... It allows you to **use** internet more easily by allowing you to specify a meaningful name on your web browser instead of using **IP address**.

[www.home-network-help.com › domain-name-server](http://www.home-network-help.com/domain-name-server)

Why do we need DNS (Domain Name Server)

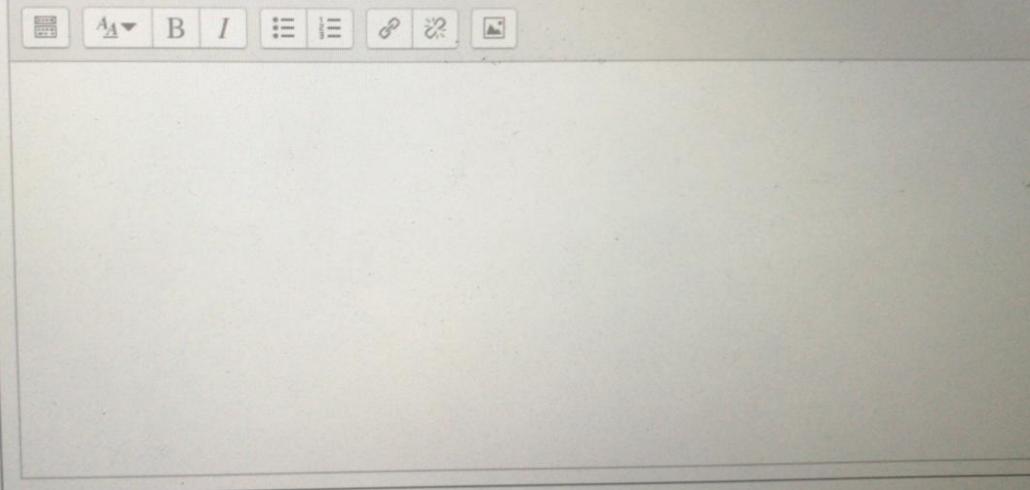
? About featured snippets • Feedback

[unihost.com › help › why-do-we-need-dns-servers](http://unihost.com/help/why-do-we-need-dns-servers)

Question 3
Not yet answered
Marked out of
6.00
 Flag question

Question 01

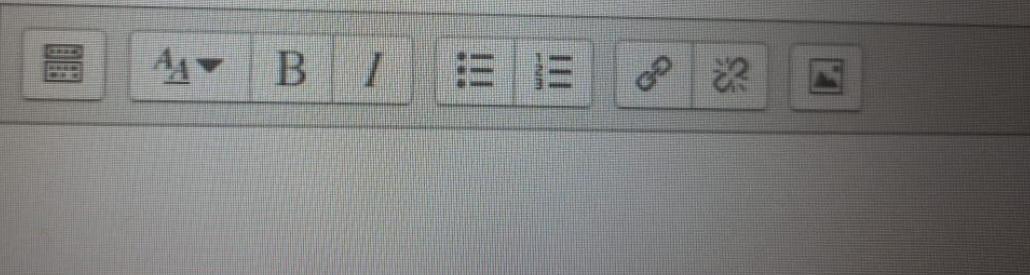
c) Why we need DNS Server? Briefly explain



3
answered
out of
question

Question 01

c) Why we need DNS Server? Briefly explain





Definition

A distributed system, also known as distributed computing, is a system with multiple components located on different machines that communicate and coordinate actions in order to appear as a single coherent system to the end-user.

Overview

The machines that are a part of a distributed system may be computers, physical servers, virtual machines, containers, or any other node that can connect to the network, have local memory, and communicate by passing messages.

There are two general ways that distributed systems function:

1. Each machine works toward a common goal and the end-user views results as one cohesive unit.
2. Each machine has its own end-user and the distributed system facilitates sharing resources or communication services.

Although distributed systems can sometimes be obscure, they usually have three primary characteristics: all components run concurrently, there is no global clock, and all components fail independently of each other.

Benefits and challenges of distributed systems

There are three reasons that teams generally decide to implement distributed systems:

- **Horizontal Scalability**—Since computing happens independently on each node, it is easy and generally inexpensive to add additional nodes and functionality as necessary.
- **Reliability**—Most distributed systems are fault-tolerant as they can be made up of hundreds of nodes that work together. The system generally doesn't experience any disruptions if a single machine fails.
- **Performance**—Distributed systems are extremely efficient because work loads can be broken up and sent to multiple machines.

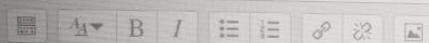
However, distributed systems are not without challenges. Complex architectural design, construction, and debugging processes that are required to create an effective distributed system can be overwhelming.

Three more challenges you may encounter include:

- **Scheduling**—A distributed system has to decide which jobs need to run, when they should run, and where they should run. Schedulers ultimately have limitations, leading to underutilized hardware and unpredictable runtimes.
- **Latency**—The more widely your system is

Question 01

b) A distributed system is a system whose components are located on different networked computers, which communicate and coordinate their actions by passing messages to one another. The components interact with one another in order to achieve a common goal. Prove eBay as a distributed system referring above statements.



Distributed systems and their Architectures

Distributed systems

- There are multiple, slightly different definitions and arguments about the terms **distributed systems** and **distributed computing**
- We are here focusing on the systems, whose components are distributed among multiple devices and using a network for the communication between these components.

Online Exams

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QUESTION 01
How many questions have been attempted?
Marked out of 100
 Flag question

Question 01

b) A distributed system is a system whose components are located on different networked computers, which communicate and coordinate their actions by passing messages to one another. The components interact with one another in order to achieve a common goal. Prove eBay as a distributed system referring above statements.

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20

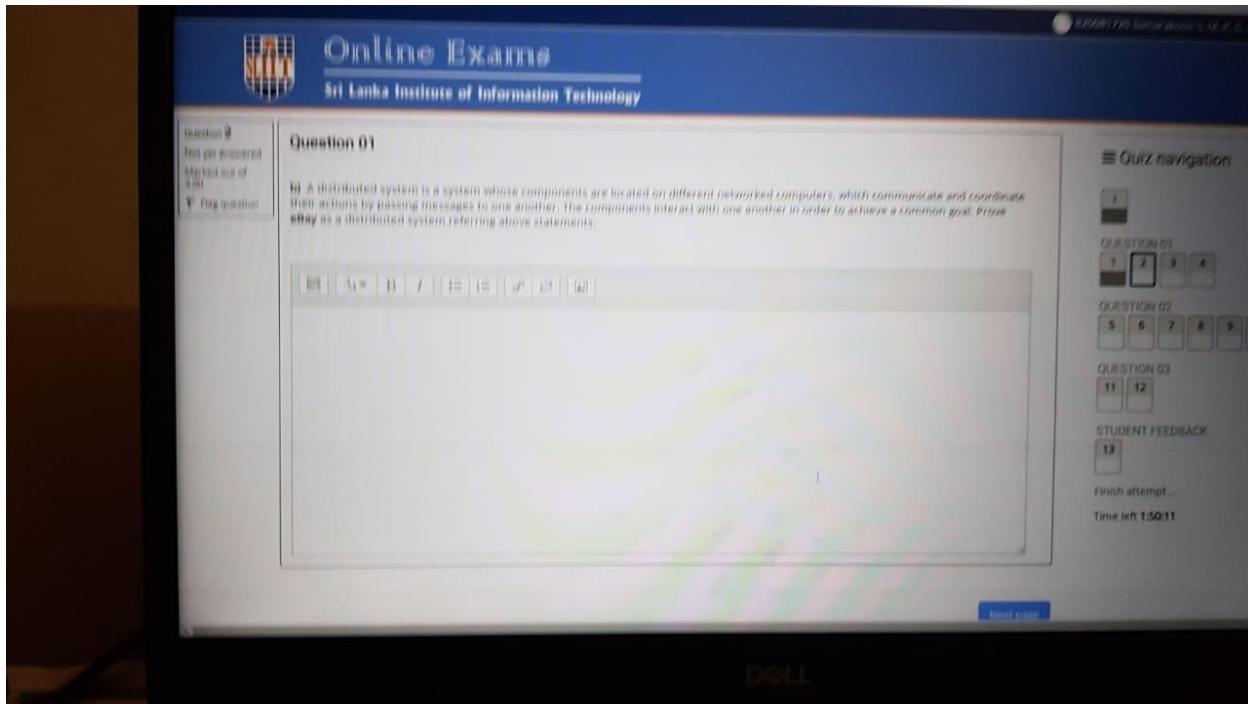
QUESTION 02

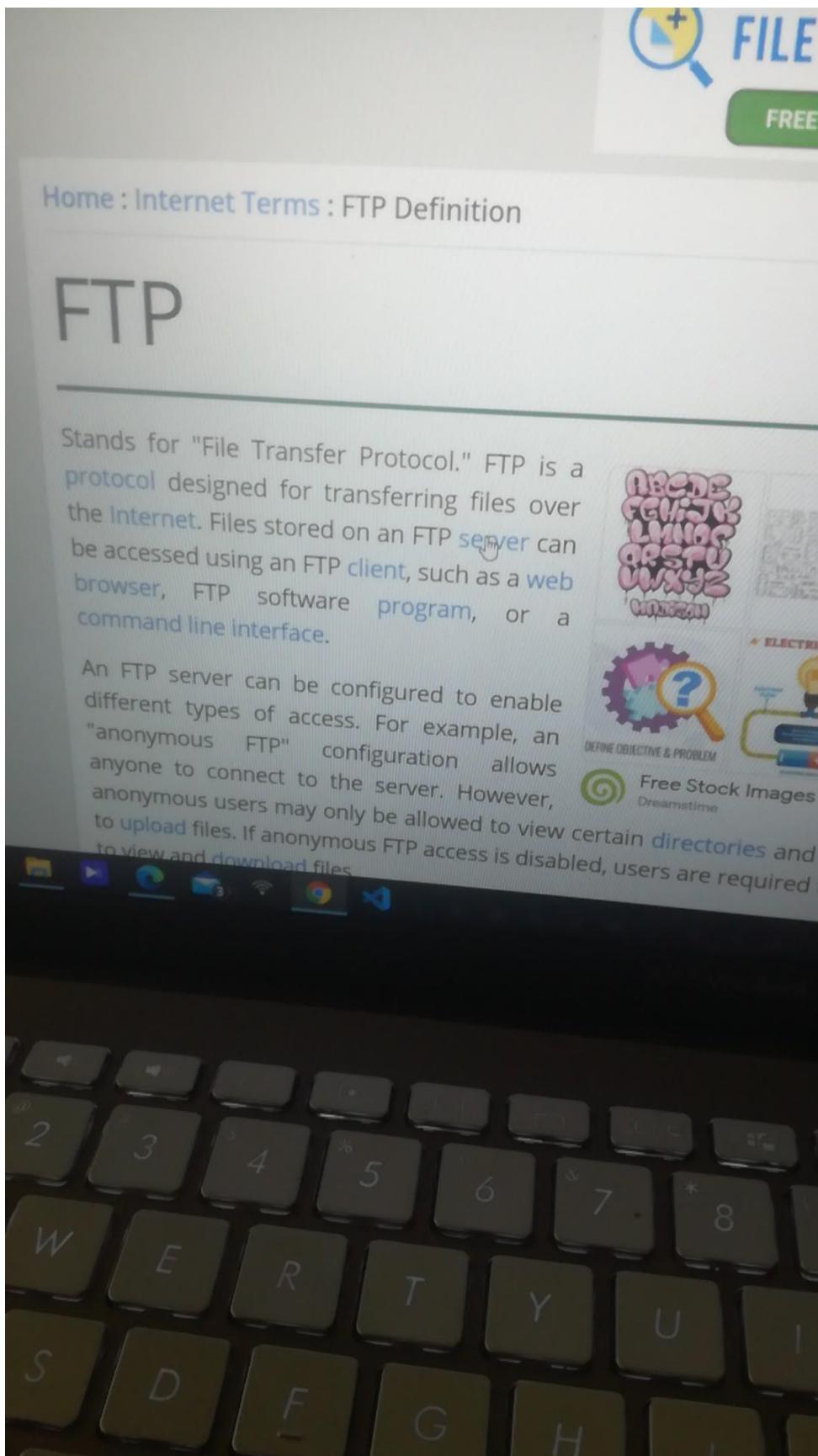
QUESTION 03

STUDENT FEEDBACK

Finish attempt... Time left 1:50:11

DELL





com/definition/http

YouTube Gmail WhatsApp https://courseweb.s... The Official Home...

TechTerms Search

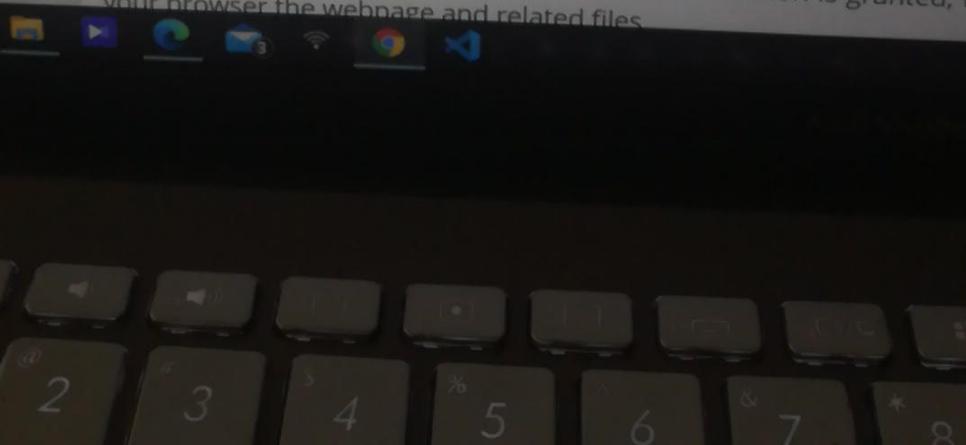
FILE FREE

Home : Internet Terms : HTTP Definition

HTTP

Stands for "Hypertext Transfer Protocol." HTTP is the protocol used to transfer data over the web. It is part of the Internet protocol suite and defines commands and services used for transmitting webpage data.

HTTP uses a server-client model. A client, for example, may be a home computer, laptop, or mobile device. The HTTP server is typically a web host running web server software, such as Apache or IIS. When you access a website, your browser sends a request to the corresponding web server and HTTP status code. If the URL is valid and the connection is granted, the server returns the webpage and related files.



The image shows a smartphone screen displaying a web page about HTTP. The top of the screen has a dark bar with various icons and links. Below this is a green header bar with the 'TechTerms' logo and a search bar. The main content area features a large title 'HTTP' and a detailed explanation of what it stands for and how it works. To the right of the main text, there is a sidebar with a 'Jetro Netw...' section and a 'Fiber Optic Equip...' section. At the bottom of the screen, there is a black navigation bar with several icons (including back, forward, and search) and a physical-looking keyboard at the very bottom.

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Question 01

b) A distributed system is a system whose components are located on different networked computers, which communicate and coordinate their actions by passing messages to one another. The components interact with one another in order to achieve a common goal. Prove eBay as a distributed system referring above statements.

QUESTION 1 2

QUESTION 5 6

QUESTION 11 12

STUDENT FEEDBACK 13

Finish attempt ... Time left 1:5

Next page

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Question 2 Not yet answered Marked out of 4.00 Flag question

Question 01

b) A distributed system is a system whose components are located on different networked computers, which communicate and coordinate their actions by passing messages to one another. The components interact with one another in order to achieve a common goal. Prove eBay as a distributed system referring above statements.

QUESTION 01 1 2 3 4

QUESTION 02 5 6 7 8

QUESTION 03 11 12

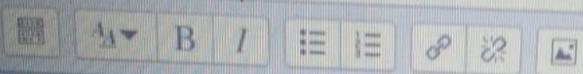
STUDENT FEEDBACK 13

Finish attempt ... Time left 1:53:37

Next page

Question 01

- a) What is a **Protocol**, briefly explain with three (03) examples?



System of rules that allow two or more entities of a communication system to transmit information.

Example 1.

HTTP

I

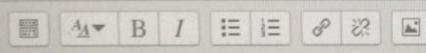
Example 2.

FTP

Question 2
Not yet answered
Marked out of
4.00
 Flag question

Question 01

- b) A distributed system is a system whose components are located on different networked computers, which communicate and coordinate their actions by passing messages to one another. The components interact with one another in order to achieve a common goal. Prove eBay as a distributed system referring above statements.



[Next page](#)

Mail Server

A mail server (or email server) is a computer system that sends and receives email. In many cases, web servers and mail servers are combined in a single machine. However, large ISPs and public email services (such as Gmail and Hotmail) may use dedicated hardware for sending and receiving email.

In order for a computer system to function as a mail server, it must include mail server software. This software allows the system administrator to create and manage email accounts for any domains hosted on the server. For example, if the server hosts the domain name "techterms.com," it can provide email accounts ending in "@techterms.com."

Gayashan

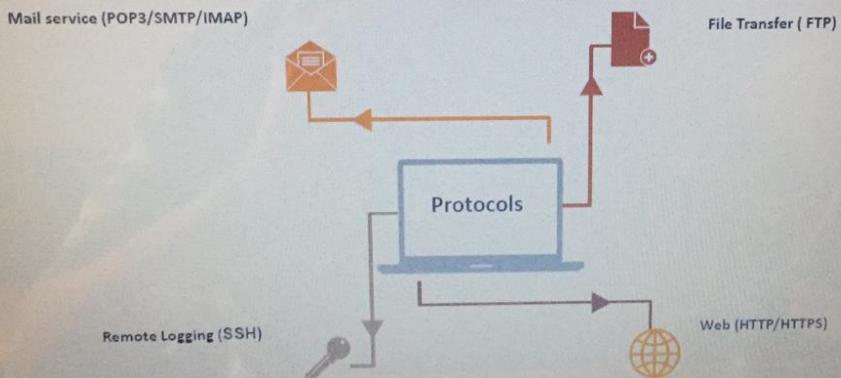
Lakshitha

Sahan

www38.dombro.com

AVAA

Different Types of Services and Protocols





Question 1
Not yet answered
Marked out of
4.00
Flag question

Question 01

a) What is a **Protocol**. briefly explain with three (03) examples?



Example 1.

Example 2.

Quiz nav



QUESTION 01



QUESTION 02



QUESTION 03



STUDENT FEEDB



Finish attempt ...

Time left 2:04:03

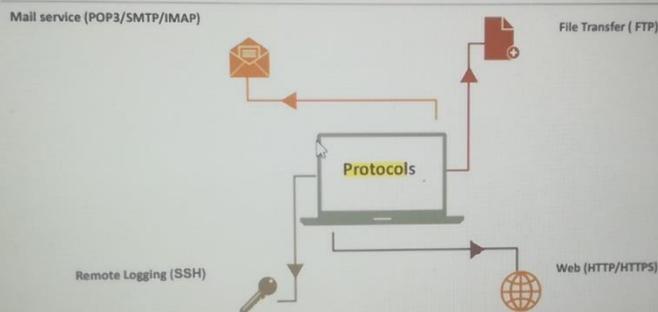
Protocols

A **protocol** is a

- system of rules that allow two or more entities of a communications system to transmit information (wiki)
- the formal system of rules for correct behavior on official occasions (Cambridge)



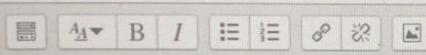
Different Types of Services and Protocols



Question 1
Not yet answered
Marked out of
4.00
Flag question

Question 01

- a) What is a **Protocol**, briefly explain with three (03) examples?



Example 1.

Example 2.

Next page