

# Quiz 1 - Module 1

<b>Due</b> Jan 15 at 11:59pm	<b>Points</b> 11	<b>Questions</b> 11
<b>Available</b> Jan 10 at 12am - Jan 15 at 11:59pm	<b>Time Limit</b> 15 Minutes	

This quiz was locked Jan 15 at 11:59pm.

## Attempt History

	Attempt	Time	Score
LATEST	<u>Attempt 1</u>	12 minutes	9.75 out of 11

Score for this quiz: **9.75** out of 11  
Submitted Jan 15 at 9:56pm  
This attempt took 12 minutes.

Question 1

1 / 1 pts

HTTP is a communication standard governing the requests and responses that take place between the browser running on the end user's computer and the web server.

Correct!

☒ True

☐ False

Question 2

1 / 1 pts

On a computer network, a computer that provides information or a service is also known as a server.

Correct!

☒ True

☐ False

### Question 3

1 / 1 pts

Which of the following is false?

☐ MySQL is a database management system.

☐ PHP is a server-scripting language

Correct!

☒ LAMP is an IDE (integrated development environment)

☐ Apache is a web server

### Question 4

0 / 1 pts

Why is Python a useful coding language?

☐ It's statically typed.

☐ It's a compiled language.

Correct Answer

☐ It support OOP

You Answered

☒ All the above

### Question 5

1 / 1 pts

Which below is part of being ethical in the IS profession?

Correct!

☒ Respecting copyrighted material

Correct!

☒ Responsible use of Data Analytics

Correct!

☒ Avoiding Dark Patterns

☐ Giving out sensitive user data without their knowledge

### Question 6

1 / 1 pts

The database is part of \_\_\_\_\_ .

Correct!

☒ Full-Stack Development

☐ Front-End Development

Correct!

☒ Back-End Development

☐ All the above

### Question 7

1 / 1 pts

If you request a webpage and receive a 404 response, that means:

☐ request succeeded

☐ access denied

Correct!

☒ resource not found

☐ server error

### Question 8

1 / 1 pts

Which below is a characteristic of Javascript?

Correct!

☒ Generally for front-end development

☐ Is the language used to query a database

Correct!

☒ Can also be used for backend.

☐ All of the above

### Question 9

1 / 1 pts

A development server is a way for a developer to test code and allow one to work independently with few dependencies from external components.

Correct!

☒ True

☐ False

### Question 10

0.75 / 1 pts

Most IDEs (Integrated Development Environment) provide the following functions:

Correct!

☒ In-editor debugging

Correct Answer

☐ breakpoints

Correct!

☒ code formatting

Correct!

☒ source control integration

### Question 11

1 / 1 pts

Github allows developers to:

Correct!

☒ Collaborate

Correct!

☒ Track Changes

Correct!

☒ Store Files

☐ Hosting a database management system

Quiz Score: **9.75** out of 11

# Quiz 2 (covers HTML/CSS)

**Due** Jan 28 at 11:59pm

**Points** 10

**Questions** 10

**Available** Jan 16 at 12am - Jan 28 at 11:59pm

**Time Limit** 15 Minutes

## Attempt History

	Attempt	Time	Score
LATEST	<u>Attempt 1</u>	5 minutes	9 out of 10

❗ Correct answers will be available on Jan 28 at 11:59pm.

Score for this quiz: **9** out of 10

Submitted Jan 28 at 11:18pm

This attempt took 5 minutes.

### Question 1

1 / 1 pts

Which below is the correct HTML code for referring to an external style sheet called 'mystyle.css'?

- ☐ <stylesheet>mystyle.css</stylesheet>
- ☐ <style src="mystyle.css">
- ☒ <link rel="stylesheet" type="text/css" href="mystyle.css">
- ☐ <link method='post' action='page.php' />

### Question 2

1 / 1 pts

<style> is the HTML tag used to define an internal style sheet.

☒ True

☐ False

### Question 3

1 / 1 pts

To select an element with id "demo" you can use the '#demo' term.

☒ True

☐ False

Incorrect

### Question 4

0 / 1 pts

What is the correct HTML code for creating a hyperlink?

☐ <a href="http://www.w3schools.com">W3Schools</a>

☐ <a url="http://www.w3schools.com">W3Schools.com</a>

☐ <a name="http://www.w3schools.com">W3Schools.com</a>

☒ <a>http://www.w3schools.com</a>

### Question 5

1 / 1 pts

Which is the correct CSS syntax?

☐ {body:color=black;}

☐ body:color=black;

☒ body {color: black;}

☐ {body;color:black;}

### Question 6

1 / 1 pts

What is the building block of an HTML page?

☐ browser

☒ element

☐ CSS

☐ attribute

### Question 7

1 / 1 pts

The content in the HTML \_\_\_\_\_ does not appear when the HTML page loads up in a browser.

☐ footer

☐ paragraph



☐ BODY

☒ HEAD

### Question 8

1 / 1 pts

The src attribute in the <img> element

\_\_\_\_\_.

☐ refers to the folder where the HTML file is in

☐ refers to the sauce for the recipe

☒ specifies the path and the file for the image

☐ specifies the name of the image

### Question 9

1 / 1 pts

Relative file path starts from a given directory avoiding the need to provide the full absolute path. Which is an example of a relative file path?

☐ http://www.image.com/page.php

☒ /img/picture.png

☐ C:/web/book.php

☐ E:/finish.jpg

### Question 10

1 / 1 pts

What does the word cascade imply in CSS (cascading style sheet)?

☐

implying the need for the programmer to take a break into a nearby waterfall

☐

how HTML response flows from one web page to another

☐

how code is generated

☒

Refers to how the rules cascade down from the more general to the more specific

Quiz Score: **9** out of 10

# Quiz 3

**Due** Feb 4 at 11:59pm

**Points** 11

**Questions** 10

**Available** Jan 23 at 12am - Feb 4 at 11:59pm

**Time Limit** 15 Minutes

## Attempt History

|        | Attempt          | Time       | Score          |
|--------|------------------|------------|----------------|
| LATEST | <u>Attempt 1</u> | 15 minutes | 9.33 out of 11 |

⚠ Correct answers will be available on Feb 4 at 11:59pm.

Score for this quiz: **9.33** out of 11

Submitted Feb 3 at 11:15pm

This attempt took 15 minutes.

Incorrect

### Question 1

0 / 1 pts

A logical operator 'and' has the following description.

Example: (1==1) and (2==2)

- ☐ TRUE if either operands are true
- ☒ TRUE if one of the two operands is true
- ☐ TRUE if both operands are true
- ☐ TRUE if one of the operand is false, and FALSE if one of the operand is true

**Question 2****1 / 1 pts**

The operators +, -, \* and / have the same precedence and would be processed in the order in which they are encountered.

Example

$1 + 2 * 3 - 4 * 5$  is same as  $2 - 4 * 5 * 3 + 1$

☐ True

☒ False

**Question 3****1 / 1 pts**

The directions of operators processing (left to right or right to left) are called the operator's associativity.

☒ True

☐ False

**Question 4****1 / 1 pts**

The simplest form of expression is a \_\_\_\_\_.

☐ variable

☒ literal

☐ statement

☐ operator

### Question 5

1 / 1 pts

To cater for many different logic possibilities in a Python program, we use the \_\_\_\_\_ statement.

☐ while

☐ else

☒ elif

☐ if

### Question 6

1 / 1 pts

Complete the LOOP code below for counting from zero to 19.

```
for count in range(0, 20) :  
    print(studentArray[count])
```

**Answer 1:**

```
for count in range(0, 20)
```

Partial

### Question 7

1.33 / 2 pts

UBER came up with a new program to cater for young and senior customers. The following Python code is needed to

support that program.

Write a single 'IF' statement to evaluate the variable age.

- If age is less than 18 (print 'not allowed to ride')
- If age is between 18 and 60 inclusive (print 'must pay'),
- Otherwise if age is more than 60 (print 'ride for free').

if(age<18) :

print('not allowed to ride')

[ Select ] :

print('must pay')

[ Select ] :

print('ride for free')

**Answer 1:**

if(age<18)

**Answer 2:**

elif(age<=60 and age>=18)

**Answer 3:**

else(age>60)

## Question 8

1 / 1 pts

Python variable names are case-sensitive.

☒ True

☐ False

**Question 9****1 / 1 pts**

Which component in MVT framework interacts with the database via CRUD operations

☐ Template

☐ View

☒ Model

☐ Urls

**Question 10****1 / 1 pts**

Which component of MVT creates a Context to pass data for display on the page?

☐ Urls

☐ Module

☐ Model

☐ Template

☒ View

Quiz Score: **9.33** out of 11

# Quiz 4

**Due** Feb 11 at 11:59pm

**Points** 10

**Questions** 10

**Available** Jan 30 at 12am - Feb 11 at 11:59pm

**Time Limit** 15 Minutes

## Attempt History

|        | Attempt                          | Time      | Score          |
|--------|----------------------------------|-----------|----------------|
| LATEST | <u><a href="#">Attempt 1</a></u> | 8 minutes | 8.67 out of 10 |

⚠ Correct answers will be available on Feb 11 at 11:59pm.

Score for this quiz: **8.67** out of 10

Submitted Feb 11 at 9:21pm

This attempt took 8 minutes.

Incorrect

### Question 1

0 / 1 pts

In the Template (MVT) we create user-defined functions as well as use them.

☒ True

☐ False

### Question 2

1 / 1 pts

Lists are versatile, but they don't allow duplicate values so the list of ['apple','orange','apple'] would be an error.

☐ True



☒ False

### Question 3

1 / 1 pts

If you reference a variable, changing the value of the reference will change the original as well.

☒ True

☐ False

### Question 4

1 / 1 pts

If we need to reference the `fixed_names` variable in the template what is the issue with the following code?

```
names = ['LUis','GaBriela','MaRy']  
fixed_names = my_functions.fix_names_list(names)
```

```
context = {  
    'hi':'hello world!'  
}
```

```
return render(request, 'lab3/index.html')
```

☐ The code is fine, there are no mistakes.

☒ `fixed_names` is not being set in the context.

☒ the context is not being passed in the render method.

☐ the context already has a variable in it and cannot accept any more.

☐ the context cannot store list objects

### Question 5

1 / 1 pts

Object inheritance means properties in the child objects are always available in the parent objects as well.

☐ True

☒ False

### Question 6

1 / 1 pts

{%%} are the correct characters to when creating a for loop in a Django Template.

**Answer 1:**

{%%}

### Question 7

1 / 1 pts

```
car1 = Car()
```

```
car2 = Car()
```

Car1 and Car2 are known as:

- ☐ copy
- ☐ classes
- ☒ instances
- ☐ versions
- ☐ definitions

### Question 8

1 / 1 pts

What is one of the benefits of using a function?

- ☐ Increased execution time.
- ☐ Increase syntax errors
- ☐ Increase code redundancy
- ☒ Decrease the loading time of program files

Partial

### Question 9

0.67 / 1 pts

Why is object oriented inheritance powerful?

- ☐ It forces all objects to be the same.
- ☒ It allows for the inheritance of traits from parent objects.
- ☐ It can allow children to share similar yet distinct characteristics.
- ☒ It facilitates code reuse, extensibility, and modularity.

### Question 10

1 / 1 pts

The dictionary named "context" below has a key of "hello world!" and a value of "hi"

```
context = {  
    'hi': 'hello world!'  
}
```

☐ True

☒ False

Quiz Score: **8.67** out of 10

# Quiz 5

- Due Feb 18 at 11:59pm
- Points 10
- Questions 9
- Available Feb 6 at 12am - Feb 18 at 11:59pm
- Time Limit 15 Minutes

## Attempt History

|        | Attempt          | Time      | Score       |
|--------|------------------|-----------|-------------|
| LATEST | <u>Attempt 1</u> | 8 minutes | 8 out of 10 |

❗ Correct answers will be available on Feb 18 at 11:59pm.

Score for this quiz: 8 out of 10

Submitted Feb 18 at 9:53pm

This attempt took 8 minutes.



Question 1

1 / 1 pts

Create a new list for the following jobs.

1. analyst
2. engineer
3. researcher
4. intern

Choose from the following choices:

```
jobs = ["analyst","engineer","researcher","intern"]
```

**Answer 1:**

```
jobs = ("analyst","engineer","researcher","intern");
```

```
jobs = "analyst","engineer","researcher","intern"
```

```
jobs = array("analyst","engineer","researcher","intern")
```







```
jobs = ["analyst","engineer","researcher","intern"]
```



Question 2

2 / 2 pts

Match the images to the correct answers

|   |   |
|---|---|
|    | A |
|    | B |
|    | C |
|  | D |
|  | E |
|  | F |

A

Play


▼

B


Step Over

▼


C

Step Into 


D

Restart 

E

Stop 

F

Step Out 



Question 3

1 / 1 pts

Why might someone want to become proficient at debugging. (multiple correct answers)

- ☒ Identifying and fixing errors
- ☒ Saving time
- ☐ Reducing the need for software testing
- ☐ Eliminate the need for software documentation



IncorrectQuestion 4

0 / 1 pts

Identified the terms below that allow a web application developer to send data from the view to the template, and vice versa. (multiple correct answers)

- ☐ View -> Template: Form
- ☐ View -> Template: Contact
- ☐ Template -> View: Form
- ☒ Template -> View: Context
- ☒ View -> Template: Context
- ☐ Template -> View: Contact



Question 5

1 / 1 pts

In web design the concept of an orphan page would be:

- ☐ A webpage with no content or information.
- ☐ A webpage that is inaccessible to search engine crawlers.
- ☒ A webpage that is not linked to from any other pages within the website.
- ☐ A webpage with duplicate content.
- ☐ A webpage that requires a password to access.



Question 6

1 / 1 pts

The form method needed to send form data from a user to the webserver is:

- ☐ Put
- ☐ Place
- ☒ Post
- ☐ Pop
- ☐ Set



IncorrectQuestion 7

0 / 1 pts

Required fields on a form were enforced through:

- ☐ Client Side Validation
- ☒ Server Side Validation
- ☐ Host Side Validation
- ☐ Abstract Validation



Question 8

1 / 1 pts

Which Django Template command would be used to loop through a iterable sequence of products and build a bullet list of items?

- ☐ if
- ☐ with
- ☐ link
- ☒ for
- ☐ while





### Question 9

1 / 1 pts

Which object method must be run on a form to retrieve the data posted from a form?

- ☐ is\_clean()
- ☒ is\_valid()
- ☐ is\_ok()
- ☐ is\_invalid()

Quiz Score: 8 out of 10