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SCHOOL OF INFORMATION TECHNOLOGY

ACADEMIC SESSION: January 2019

CC305: Java Web Programming

**ASSIGNMENT ONE**

**DEADLINE: 11<sup>th</sup> February 2019**

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**INSTRUCTIONS TO CANDIDATES**

1. This assignment will contribute **20%** to your final grade.
2. This coursework is an **individual** assignment.
3. Submission (Softcopy) in LMS **Dropbox** by 11:59PM on 11/02/19

**IMPORTANT**

**Plagiarism is not allowed, and any student found to commit such an act, 0 mark will be awarded.**

Coursework must be submitted on their due dates. If a coursework is submitted after its due date, the following penalty will be imposed:

- **ONE day late OR Submit mentioned time: 5 marks deducted from the total marks awarded.**
- **TWO days late: 10 marks deducted from the total marks awarded.**
- **THREE or more days late: Assignment will not be marked and 0% will be awarded.**

**Example:** A student scores 60 marks for an assignment that has a total mark of 100. If the assignment is submitted one day late, the marks awarded will be 55 marks.

## This is an Individual Assignment

**Presentation: Week 7 – During Tutorials**

(presentation to demo functionality of the webpage and quiz)

### Section 1 (10%) – Web Design

Webpage design: Using **HTML**, **CSS** and **JSP** to create a website of your favourite animal that consists below webpages:

- About the Animal (*HTML / CSS*)
- Important Facts (*HTML / CSS*)
- Quiz Section (*JSP/for Section 2*)
- Registration Form (*JSP*)

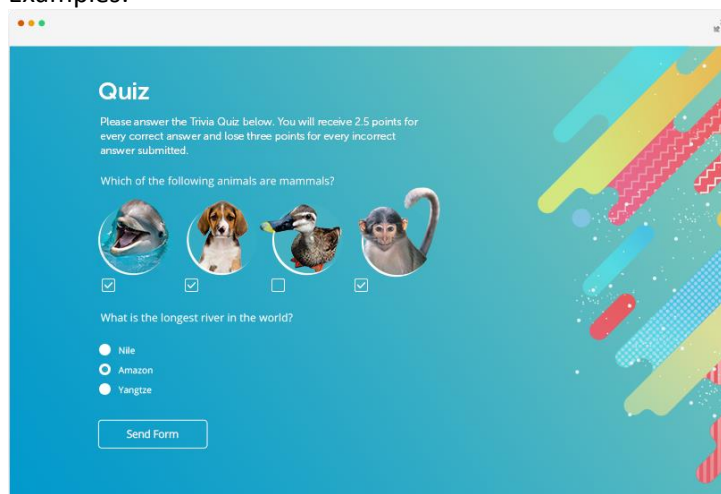
| Marking Scheme for Question 1 |             |
|-------------------------------|-------------|
| Components Marked             | Total Marks |
| <b>Functionalities</b>        |             |
| - Form Fields Used            | 2%          |
| - Submission Function         | 2%          |
| <b>Design</b>                 |             |
| - CSS Implementation          | 2%          |
| - Layout/Structure            | 2%          |
| - Overall Design/Styling      | 2%          |

### Section 2 (10%) – Online Java Application

Using **HTML**, **CSS** and **JSP** build an online trivia quiz about your chosen animal (*in Section 1*).

- GUI must be designed attractively (*HTML / CSS*)
- Style must be unique and attractive (*HTML / CSS*)

Examples:



Source: Image Courtesy of Google Image Search

- Must be able to contain at least 10 trivia questions. (*JSP*)

| Marking Scheme for Question 2 |             |
|-------------------------------|-------------|
| Components Marked             | Total Marks |
| <b>Functionalities</b>        |             |
| - Marks Accumulated           | 2%          |
| - Participant Name            | 2%          |
| - Coding Efficiency           | 2%          |
| <b>Design</b>                 |             |
| - Easy Navigation             | 2%          |
| - Attractiveness              | 2%          |