



## **Practical 02 – HTML and CSS**

**Out of 16 Marks**

**DUE: 2022-03-18 before 23:59**

### **IMPORTANT NOTES:**

- This is an individual micro practical.
- Practical work is based on assessment objectives.
- If an objective has been achieved a mark will be allocated.
- All micro practical activities conceptually (based on skills) feed into one or more homework assignments.
- By completing the practical work you will be learning the necessary skills to complete homework assignments.

### **INSTRUCTIONS:**

- For this practical you will receive specific instructions that you need to follow.
- When uploading the practical homework, zip the entire project and then please upload it using the following naming convention. **Source Code:** Zip your source code files together and name it **uXXXXXXXX\_PR02.zip**, where the XXXXXXXX is your student number, e.g., u12345678\_PR02.zip.

### **SUBMISSION DEADLINE: 2022-03-18 before 23:59**

- There shall be no extensions to the deadline.
- If practical work submissions are uploaded too late then upload errors WILL happen.
- Do not wait to the last minute to complete the practical assignments.
- Start working on the practical work as soon as it is posted.
- Verify the completeness of your upload.
- There are multiple upload opportunities enabled if your upload is incomplete.
- Incomplete uploads will be considered unsubmitted work.
- E-mail submissions WILL NOT be accepted.
- Late submissions WILL NOT be accepted.
- **NO EXCEPTIONS WILL BE MADE FOR ANYONE.**

## 1. TOOLS, SKILLS, KNOWLEDGE REQUIRED:

Use the files in the folder uploaded on ClickUP ("PR02"), to complete the following exercises. You will be using HTML, CSS, JavaScript and Visual Studio Code to complete the practical.

## 2. STANDARD REQUIREMENTS:

The following is a list of mandatory requirements.

1. On the "Home" page create a card box with a summary of female dogs currently available.
2. On the "Fees and regulations" page, create two special offer boxes as shown in the figure below. Special offer 1 comprises a 10% discount on the basic fee + tick and flea treatment + de-worming whereas Special offer 2 gives a 30% discount on the basic fee + all extra services.

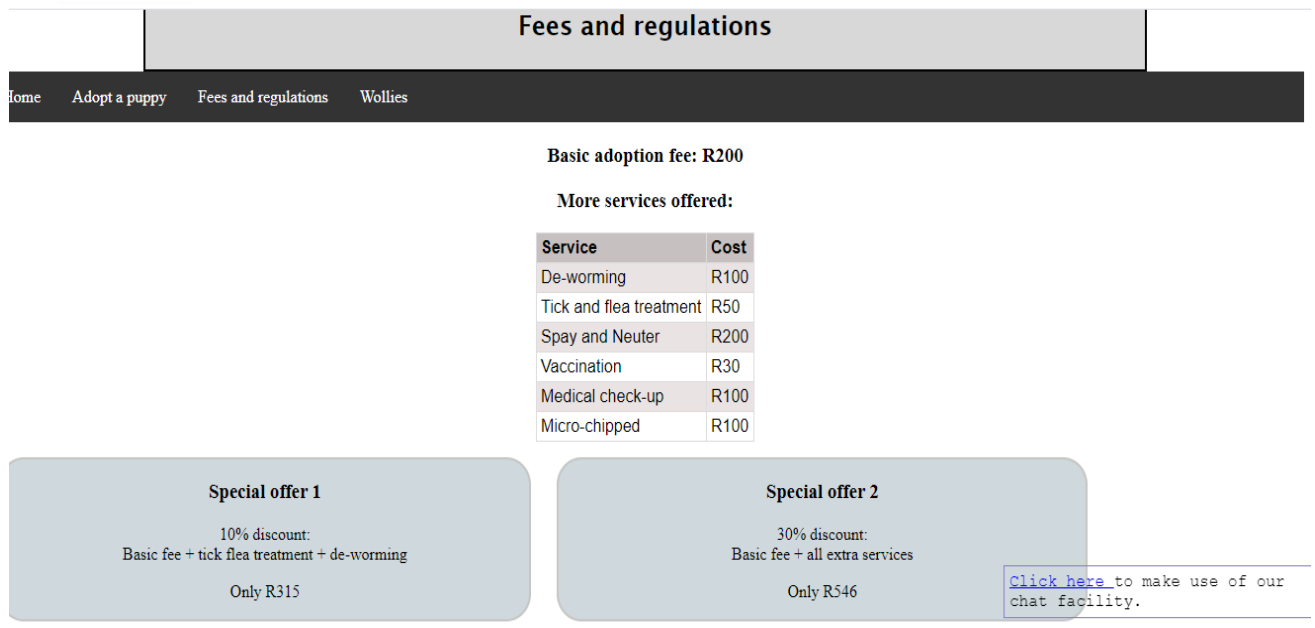


Figure 2: Two special offer card boxes.

(The cost of the specials must be calculated using the fees as displayed in the table (not hard coded).

3. Work through the basic exercises on <https://www.w3resource.com/javascript-exercises/javascript-basic-exercises.php> (at least exercises 1,6,10, 27,30,41, 54, 95). There is no need to submit anything for this exercise (nr 3). Note that most of these exercises use functions. It was done in INF164 and we will focus more on it during lecture 4 as well.

## 3. RESEARCH / READING REQUIREMENTS

The following is required reading and / or research (see w3schools).

- The slides done in class and the corresponding web pages in w3schools.
- Work through the basic exercises in <https://www.w3resource.com/javascript-exercises/javascript-basic-exercises.php> as is explained in number 3 above.



# **Practical 02 – HTML, CSS and JavaScript** **Out of 16 Marks**

**DUE: 2022-03-04 before 23:59**

<b>Checklist</b> Use the checklist as a script that would allow you to sequence your demonstration.		MAX
<b>Home page</b>		
1. Cardbox with female dogs		4
<b>Fees and regulation page</b>		
2. Special offer 1		6
3. Special offer 2		4
4. Create and style cardboxes		2
<b>TOTAL MARK ALLOCATION</b>		<b>16</b>