

**WOMEN INSTITUTE OF TECHNOLOGY AND INNOVATION**

**DIPLOMA IN COMPUTER SCIENCE AND ENTREPRENEURSHIP**

CSD112: WEB DEVELOPMENT TEST1

COHORT 2: SEMESTER 1 2022

Instructions: Attempt all questions

Duration: —- hours

1. Define the following terms according to HTML and CSS and give examples

(a). Elements

(b). Attributes

(c). Selectors

(d). Semantic elements

(e). Web accessibility

(f). Web server

1. Fix the bugs in the following HTML code.

| <!DOCTYPE html> <html>  <head>  <meta charset="utf-8">  <title>Company page</title>  </head>  <body>  <paragraph>Welcome! Here you can find the following things:</paragraph>  <ol>  <em><li><a href="#logo">Company's logo</a></li></em>  <li><a href="#employees">List of employees</a></li>  </ol>  <h1>Company's logo  <paragraph>Company uses the following logos:</paragraph>  <ul>  <li>New logo:</li><img source="https://bit.ly/3A4wNcD"/>  <li>Old logo:</li><img source="https://bit.ly/3xlFQ7l"/>  </ul>  <h1>List of employees  <thead>  <th>First name</th>  <th>Last name</th>  </thead>  <table>  <tr></tr>  <td>Mary</td>  <td>Williams</td>  <tr>  <td>James</td>  <td>Smith</td>  </tr>  </table> </html> |
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1. Create a survey form for a Mulago hospital. It should include the following fields.

(a). First and last name of the patient

(b). Email address of the patients

(c). Phone Number

(d). Place of residence

(e). Gender of the patients (should be a radio button)

(f). The age range of the patients(Make a ten-year range from zero to fifty. For patients above the age of 50 eg 50 and above. They should be radio buttons)

(g). Comments about a patient

(h). Terms and conditions

(i). Submit button

(j). Make sure you validate all the fields

(k). A well-styled page will fetch you more marks

### ***“Education is the passport to the future, for tomorrow, belongs to those who prepare for it today.” —Malcolm X***