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|  | **HTML5 Test**  **Semester 2, 2021**  **ISCG6420 IWD**  **Task 2** |
| School of Computing Electrical & Applied Technology | **Date:** Tuesday, 14 Sep, 2021  **Commencement Time:** 9:35 AM  **Time Allowed:** 40 min    **Marks:** 33 |
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**Please fill in your name and your student ID.**

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| Name: | student ID: |

**Instructions:**

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| 1. | This is closed book test. Your test files are in Moodle. |
| 2. | There are 3 tasks in this test. You should complete all the tasks. You should attempt all the requirements. |
| 3 | Please save all files during the test and upload the completed work to Moodle. |

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| **Task** | **Topic** | **Possible Marks** | **Mark Awarded** |
| Task 2 | Properties, Event & Methods Loading External Sound, Animation using HTML5 | 33 |  |
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**Task 2 Properties, Events & Methods 33 MARKS**

**Instructions**

1. Create a html, write a function named ***flying*** to move a *bird* by changing the value of “3” pixels for y- direction and value 3 for x- direction. Assign the function to a button to make the *bird* starts flying, after the start button is clicked. The timer for the event should trigger every 30 milliseconds.

(11 marks)

1. Change CSS for the bird to position it in the middle of canvas
2. Based on using HTML5, add codes (switch statement) to move the *bird* based on the following path (a, b, c, d):
   1. **Path a**: move diagonally to left and up.
   2. **Path b**: move horizontal to right.
   3. **Path c**: move diagonally down and left.
   4. **Path d**: optional
   5. **Path e**: optional

(19 marks)