**HOMEWORK SUBMISSION INSTRUCTIONS:**

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| SECTION A: Code for SECTION A should be saved in a file called myCatGUI.py  SECTION B: Code for SECTION B should be saved in a file called myCoding.py  Once complete, upload to Compass: **Learning Task: Programming Tasks Week 6** |

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| **SECTION A: (15 marks total)**  **Question 1:**  **8 marks**: Create a GUI application based on the following mock-up:    The numbers across the top and left represent columns and rows, respectively.  **5 marks:** Include the following functionality:   1. The “save” button should change the text of the button to ‘Saved!’    * It should display the contents of Name, Date of Birth and Colour to row 9, column 0, in a Label underneath the ‘Cat Details’ label seen in row 8. 2. The “play” button should play a sound file of a cat meowing, looped 4 times. This has been provided for you to download from Compass in the resources folder.   **2 marks:** appropriate and meaningful internal documentation |

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| **SECTION B: (5 marks)**  **Question 2: (2 marks)**  Create a function called fnMultiplyString. This function should take two arguments. The first argument should be a string, the second should be an integer.  The function should return the string passed in as an argument repeated a number of times, as determined by the integer.  For example, passing the first argument of “pie” and the second argument as 3 should produce:  piepiepie  **Question 3: (3 marks)**  Create a method called fnDisplayDate. This method should print the current date and time, formatted as follows:  Wednesday, March 2, 2016, 9:54 AM  **NOTE:** If you are unable to print all of the above date and time format, print what you can. |