**HOMEWORK SUBMISSION INSTRUCTIONS:**

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

|  |
| --- |
| **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 |

|  |
| --- |
| **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. |