Assessment 3 Instruction Manual
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When the program is run, it will create a new interpret class and call the extract property information method. This will locate the csv file in the project directory and create a pandas dataframe from the data. The main menu will display giving the user an option between interpreter, displayer and exit. Interpreter will provide a submenu with three options: suburb summary, average land size, and locate price. Each will ask you for a suburb where all will show all suburbs, locate price will also ask for a price to search. If suburb summary is selected the program will print the mean, standard devation, median, minimum and maximum of bedrooms, bathrooms and parking spaces for the suburb. If average land size is selected the program will print the average land size of the suburb. If locate price is selected the program will print true if the price exists or false if it does not. If the user selects Displayer from the main menu they will see a submenu of two options: Property Value Distribution Histogram and Sales Trend Line Graph. If they select histogram they will be asked to enter a suburb and a currency. If the suburb isn't found in the data or the user enters all it will create the graph in all suburbs. If the currency doesn't exist in the currency dictionary the graph will be created in AUD. If the user selects line graph the program will create a line graph. For both graphs the user will be notified of the file name and it will be saved in a folder named 'graphs' in the current directory.

User inputs are not case sensitive through out. User notified for errors and invalid inputs.

MENU OPTIONS
Main menu: 1, 2, 3
Interpret menu: i, ii, iii
Display menu: a, b