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12 SDD
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Tax Helper User Manual

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Requirements

- Python 2.7.x
 - Tkinter

General Usage

1. Launch the Python script.
 1. Open a new terminal window.
 2. Navigate to the folder containing all of the tax helper python files.
 3. Type in **python tax.py** to start the application.
2. Fill in the blank fields.
3. Some fields are hidden by default, click the relevant check box to show them. All **visible** textfields are considered compulsory with the exception of **Street Address 2**.
4. Also note that some fields are sensitive to the data type of the information entered into it. Please pay careful attention to any dollar signs (\$) or cues such as 'number of', these fields will require a numerical value as input.
5. Once you fill in all the fields in a section, click the '**Next Section**' button (bottom right) to move to the next section.
6. Upon completing all of the sections, click the '**Complete Form**' button to process the data. The screen showed next will include all required calculations for filling in your tax return.

This program is to be used as fill-in reference and not a tax return application.

Step by Step

The following pages will guide you through the sections of this Tax Helper application.

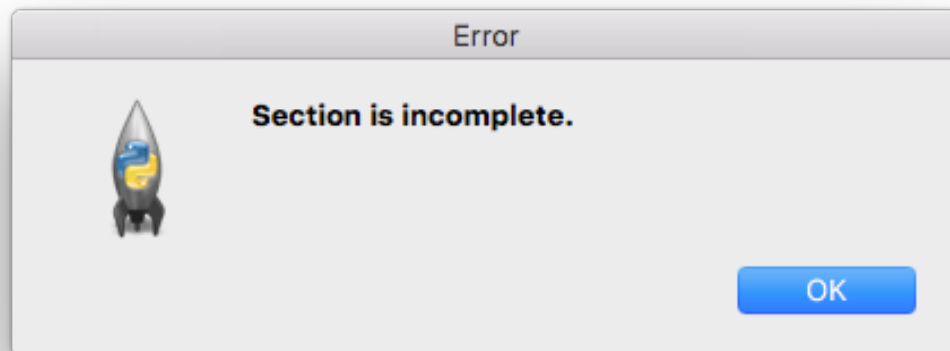
Troubleshooting

There are **2** possible errors you may run into during the process of filling out the forms in this Tax Helper application.

Incomplete Section

This error means that there is an empty field that you have missed in the section you are currently filling out. You cannot progress to the next section unless all required fields are populated.

If there is a field that you do not need to fill in, use a relevant checkbox to hide it (if applicable). Otherwise look for, and fill in all fields that are **visible to you**.

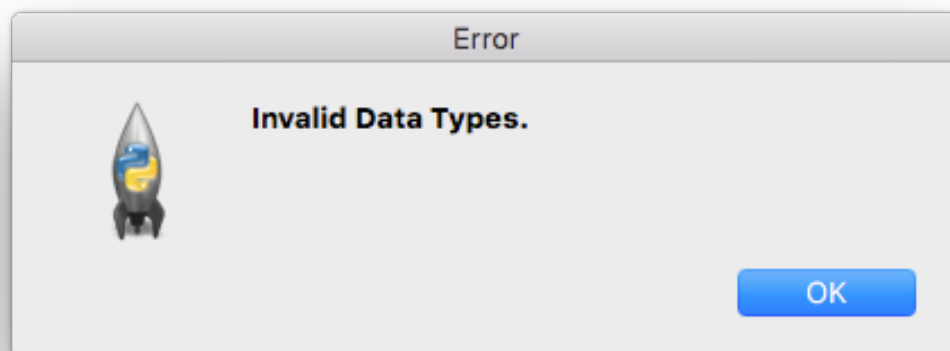


Invalid Data Types

This error means that there is a numerical field, denoted by the two incrementing arrows to its right, that has a non-numerical character in it.

To fix it, simply remove any characters that are not numbers.

Check for any double dots (..), commas (,), and alphabetical characters.



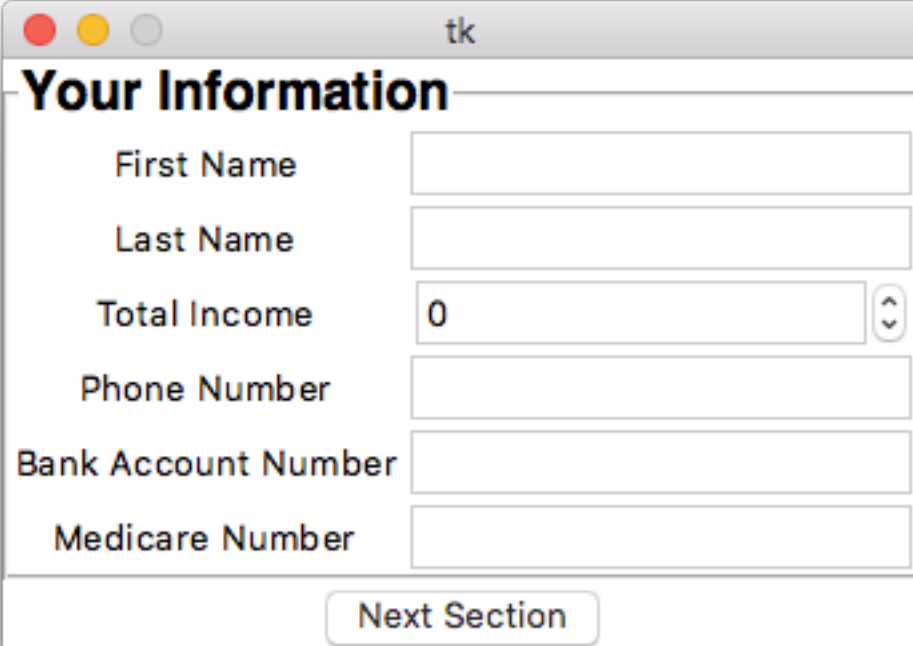
This program is to be used as fill-in reference and not a tax return application.

Your Information

In this section, all fields are mandatory. Also note that the **Total Income** field must have a number in it. It may be an integer or a number with decimal places.

Once complete, click the **Next Section** button to move to the **Address Section**.

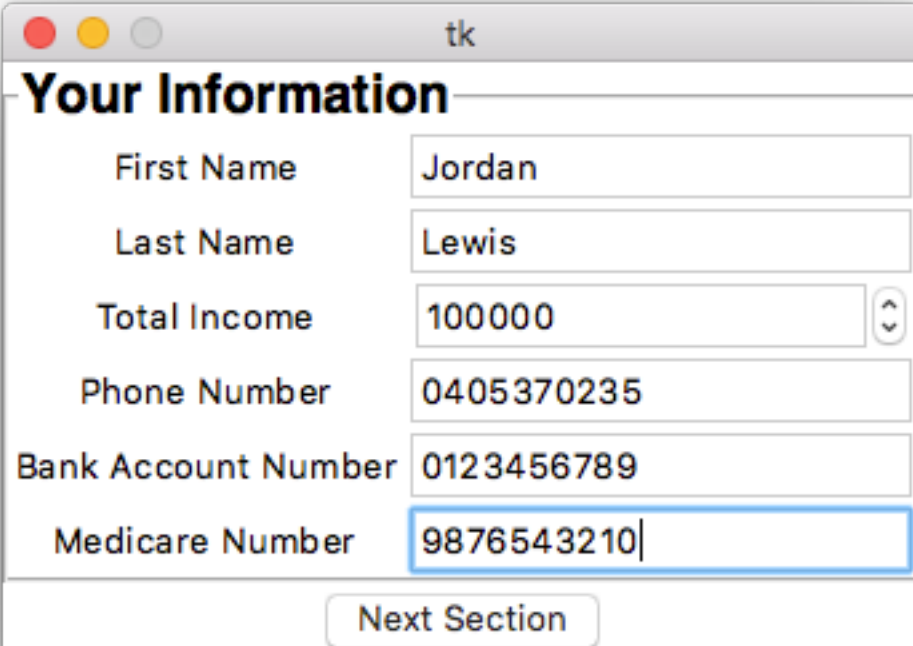
Sample entries have been provided below.



A screenshot of a Tkinter window titled 'tk' containing a form titled 'Your Information'. The form has six input fields: 'First Name', 'Last Name', 'Total Income' (with a spinner), 'Phone Number', 'Bank Account Number', and 'Medicare Number'. All fields are empty. At the bottom is a 'Next Section' button.

First Name	
Last Name	
Total Income	0
Phone Number	
Bank Account Number	
Medicare Number	

Next Section



A screenshot of the same Tkinter window with sample data entered into the form fields. The 'Medicare Number' field is highlighted with a blue border. At the bottom is a 'Next Section' button.

First Name	Jordan
Last Name	Lewis
Total Income	100000
Phone Number	0405370235
Bank Account Number	0123456789
Medicare Number	9876543210

Next Section

This program is to be used as fill-in reference and not a tax return application.

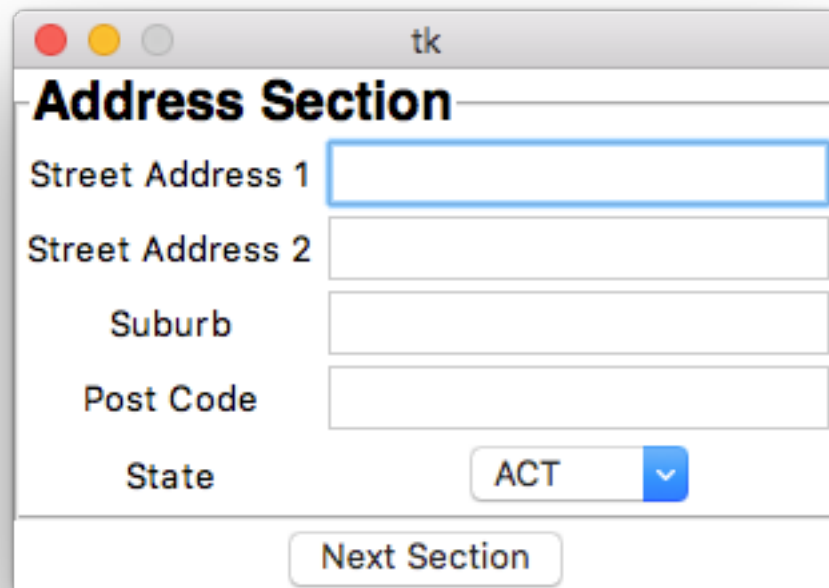
Address

In this section all fields, with the exception of **Street Address 2** are mandatory.

There are no special requirements for any of the fields in this section.

Once complete, click the **Next Section** button to move to the **Clothing Deductions Section**.

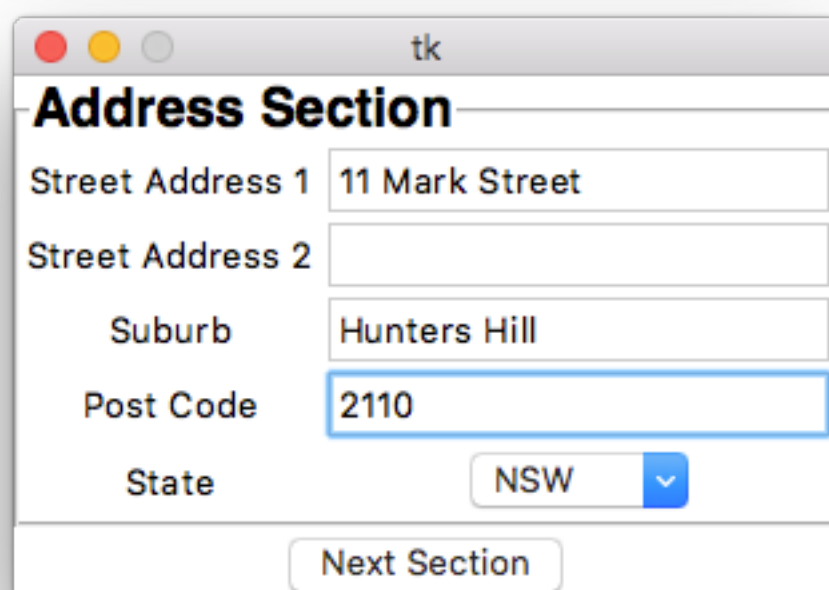
Sample entries have been provided below.



A screenshot of a web form titled "Address Section" in a browser window. The form contains five input fields: "Street Address 1", "Street Address 2", "Suburb", "Post Code", and "State". The "State" field is a dropdown menu currently showing "ACT". A "Next Section" button is located at the bottom of the form.

Street Address 1	
Street Address 2	
Suburb	
Post Code	
State	ACT

Next Section



A screenshot of the same "Address Section" form, but with sample data entered. "Street Address 1" contains "11 Mark Street", "Suburb" contains "Hunters Hill", and "Post Code" contains "2110". The "State" dropdown menu is now set to "NSW". The "Street Address 2" field remains empty. The "Next Section" button is still at the bottom.

Street Address 1	11 Mark Street
Street Address 2	
Suburb	Hunters Hill
Post Code	2110
State	NSW

Next Section

This program is to be used as fill-in reference and not a tax return application.

Clothing Deductions

This is an adaptable section. To fill in blanks that you think are relevant to you, click on the **Check Box** to show those fields.

All fields in this section require numerical input.

The list at the bottom is optional. Select any relevant item of clothing that you may have bought to have the relevant character codes associated with them shown at the end in the **Receipt Section**.

Once complete, click the **Next Section** button to move to the **Address Section**.

Sample entries have been provided below.

The form is titled "Clothing Deductions" and is contained within a window labeled "tk". It features several sections and a list of clothing items.

Initial State (Top Left): The form has two checkboxes: "Do you do the laundry yourself?" and "Have you paid for any work related laundry?". Below these is a question "Did you buy any of the following?" followed by a list of clothing items: "Compulsory Work Uniform", "Non-compulsory Work Uniform", "Occupation Specific Clothing", and "Protective Clothing". A "Next Section" button is at the bottom.

With Laundry Questions (Top Right): The "Do you do the laundry yourself?" checkbox is checked. Below it are two spinners: "Number of work laundry only runs:" (set to 0) and "Number of mixed (work & personal) laundry runs:" (set to 0). The "Have you paid for any work related laundry?" checkbox is unchecked. The rest of the form remains the same.

With Laundry Expenses (Bottom Left): The "Have you paid for any work related laundry?" checkbox is checked. Below it is a spinner for "Total laundry expenses:" (set to 0). The rest of the form remains the same.

With Sample Data (Bottom Right): Both checkboxes are checked. The "Number of work laundry only runs:" spinner is set to 123, and the "Number of mixed (work & personal) laundry runs:" spinner is set to 196. The "Total laundry expenses:" spinner is set to 59.95. The list of clothing items is highlighted in blue.

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Transit Deductions

This is an adaptable section. To fill in blanks that you think are relevant to you, click on the **Check Box** to show those fields.

All fields in this section require numerical input.

Once complete, click the **Next Section** button to move to the **Donation Section**.

Sample entries have been provided below.

Transport Deductions

Do you drive a car for work? (Not including home to work and vice versa unless home is a base of employment or you are carrying bulky items that cannot be left at the work place.)

☐

☐ Do you use public transport for work?

Total of any other transport related expenses. (Bridges and road tolls, parking fees and short term car hire, meals, accomodation and incidental expences you incur while away overnight for work.)

0

Next Section

Transport Deductions

Do you drive a car for work? (Not including home to work and vice versa unless home is a base of employment or you are carrying bulky items that cannot be left at the work place.)

☒

How many kms total? 0

☐ Do you use public transport for work?

Total of any other transport related expenses. (Bridges and road tolls, parking fees and short term car hire, meals, accomodation and incidental expences you incur while away overnight for work.)

0

Next Section

Transport Deductions

Do you drive a car for work? (Not including home to work and vice versa unless home is a base of employment or you are carrying bulky items that cannot be left at the work place.)

☐

☒ Do you use public transport for work?

Total cost of public transport: \$ 0

Total of any other transport related expenses. (Bridges and road tolls, parking fees and short term car hire, meals, accomodation and incidental expences you incur while away overnight for work.)

0

Next Section

Transport Deductions

Do you drive a car for work? (Not including home to work and vice versa unless home is a base of employment or you are carrying bulky items that cannot be left at the work place.)

☒

How many kms total? 0

☒ Do you use public transport for work?

Total cost of public transport: \$ 0

Total of any other transport related expenses. (Bridges and road tolls, parking fees and short term car hire, meals, accomodation and incidental expences you incur while away overnight for work.)

0

Next Section

Transport Deductions

Do you drive a car for work? (Not including home to work and vice versa unless home is a base of employment or you are carrying bulky items that cannot be left at the work place.)

☒

How many kms total? 536

☒ Do you use public transport for work?

Total cost of public transport: \$ 300

Total of any other transport related expenses. (Bridges and road tolls, parking fees and short term car hire, meals, accomodation and incidental expences you incur while away overnight for work.)

75.86

Next Section

This program is to be used as fill-in reference and not a tax return application.

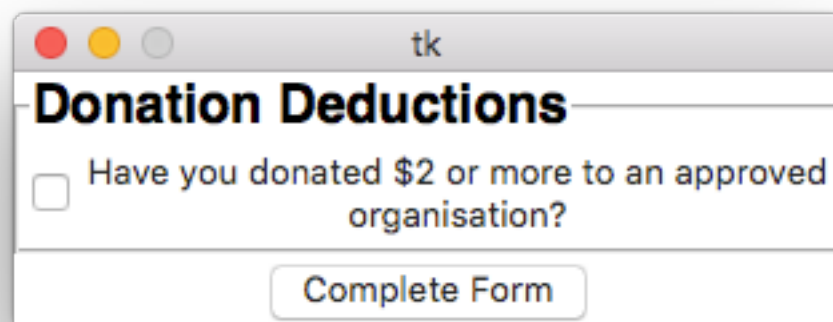
Donation Deductions

This is an adaptable section. To fill in blanks that you think are relevant to you, click on the **Check Box** to show those fields.

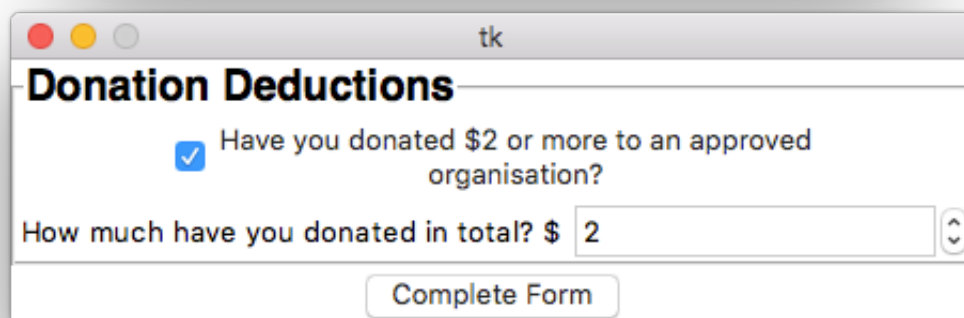
All fields in this section require numerical input.

Once complete, click the **Complete Form** button to move to the **Receipt Section**.

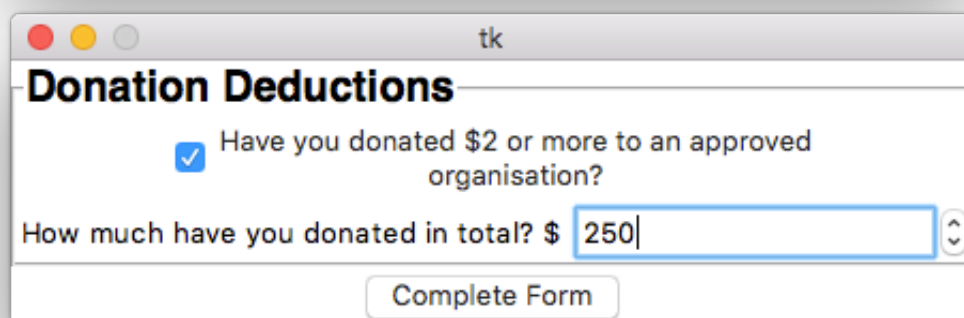
Sample entries have been provided below.



A screenshot of a Tkinter window titled "tk" with a title bar containing red, yellow, and grey window control buttons. The window has a title "Donation Deductions" and a checkbox labeled "Have you donated \$2 or more to an approved organisation?". The checkbox is unchecked. Below the checkbox is a button labeled "Complete Form".



A screenshot of the same Tkinter window. The checkbox is now checked. Below the checkbox, a text entry field is visible with the label "How much have you donated in total? \$" and the value "2". Below the entry field is a button labeled "Complete Form".

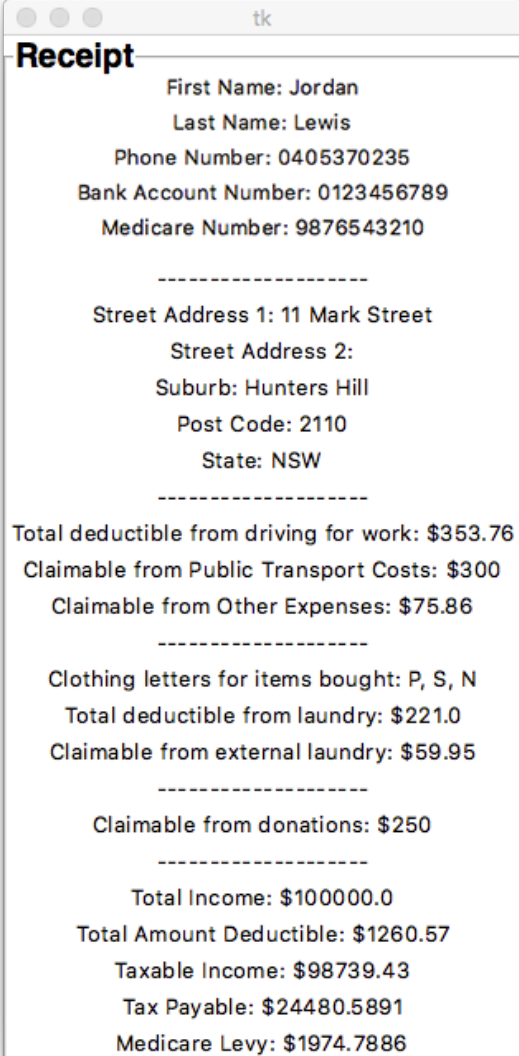


A screenshot of the same Tkinter window. The checkbox is checked. The text entry field now contains the value "250". Below the entry field is a button labeled "Complete Form".

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Receipt

This is the final section of the Tax Helper application. It has all of the outputs of the fields you filled in previously. Some standard math has been applied to some of the entries, such as the **total kilometres driven**, or the **number of work and combination laundry loads** to approximate how much you will be able to claim. In addition to this, based on all of your inputs, a **total amount deductible** has been calculated, and also how much **tax is payable** based on **2016's tax table**, and **medicare levy** is automatically calculated.



Receipt

First Name: Jordan
 Last Name: Lewis
 Phone Number: 0405370235
 Bank Account Number: 0123456789
 Medicare Number: 9876543210

Street Address 1: 11 Mark Street
 Street Address 2:
 Suburb: Hunters Hill
 Post Code: 2110
 State: NSW

Total deductible from driving for work: \$353.76
 Claimable from Public Transport Costs: \$300
 Claimable from Other Expenses: \$75.86

Clothing letters for items bought: P, S, N
 Total deductible from laundry: \$221.0
 Claimable from external laundry: \$59.95

Claimable from donations: \$250

Total Income: \$100000.0
 Total Amount Deductible: \$1260.57
 Taxable Income: \$98739.43
 Tax Payable: \$24480.5891
 Medicare Levy: \$1974.7886

This program is to be used as fill-in reference and not a tax return application.

A Final Note

This should only be used as a reference and not in anyway an exhaustive list of claimable items. There will be fields that are missing when filling in the actual tax return form. Please use your common sense. It will go a long way.

Thank you for using this Tax Helper tool.

Known Issues

The list box in the **Clothing Section** is not consistent in outputting the values that were selected. It will most likely work, however, sometimes it does not.

To work around this, simply select the items you bought, then immediately click **Next Section** and **Complete Form**, until you reach the **Receipt section** at which point, the relevant codes should be visible.

I have implemented it according to Tkinter specifications and am using the only function to retrieve data from it, so however unlikely it is, I believe it may be a bug with Tkinter, as it is inconsistent and difficult to replicate.