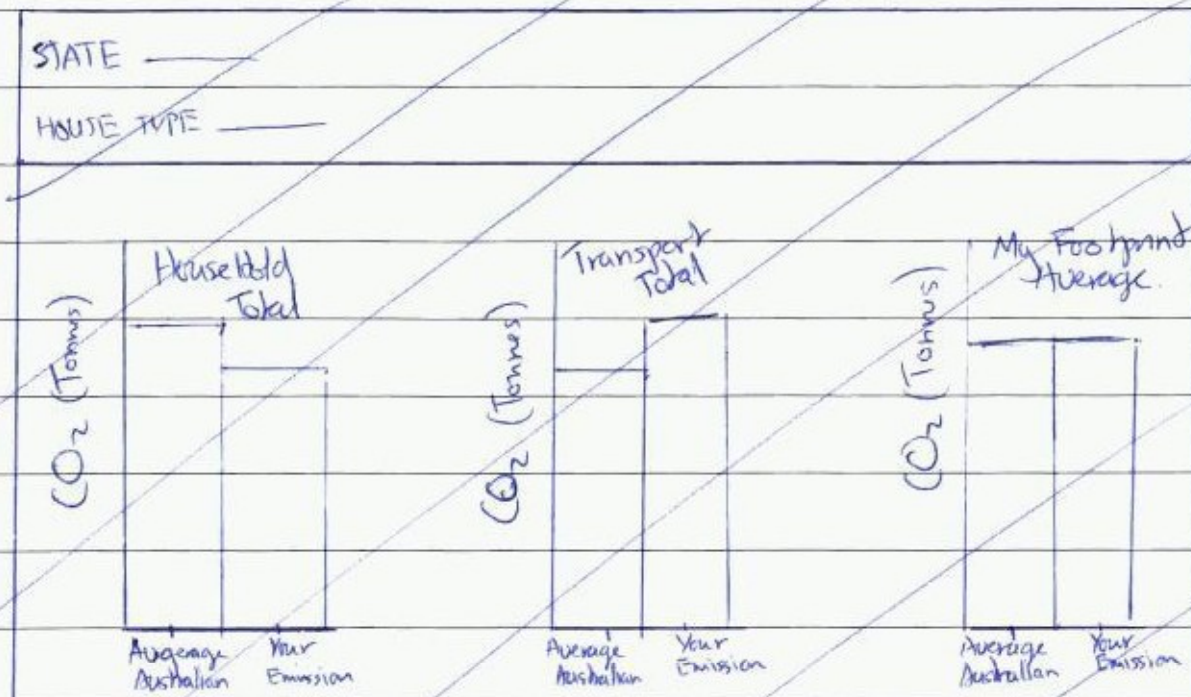


Start here for
Question Number: **23**

- a) Data Validation techniques have been used to ensure data is inputted in the correct format and accurately. This insures that the data integrity is of highest possible quality. An specific example would be drop down menus which make sure user inputs data in the correct format.
- b) Carbon Footprint Calculator have used the screen elements in Question 3 and 7 as it gives the user specific choices to make. These are set kind of like radial buttons which offer a specific 'one or the other' choice. When asking the size of garbage bin used, each user may have a different interpretation of 'what is considered 'lots' or 'big'. By choosing a specific selection it takes out the user interpretation and keeps everything constant. By clicking on the people to choose family members it takes away the risk of inputting the wrong number accidentally.
- c) P.T.O (page 3)
- ~~The example provides a different graph for each heading allowing the user to easily see how their lifestyle affects their 'Carbon Footprint'. Solutions are provided underneath the graphs to make suggestions to cut down their emission~~



Solutions to cut down your Carbon Footprint

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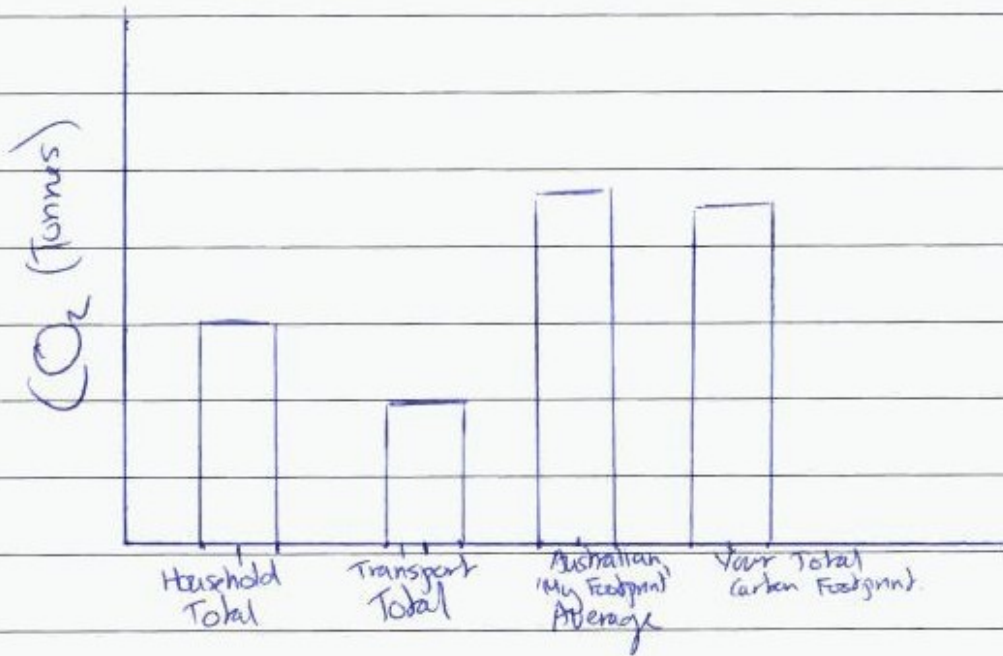
d) The Carbon Footprint Calculator would need access data from a database containing information on the average ~~carbon~~ Australian Carbon Footprint. This would involve converting the data into information which can be viewed by the user. It would also include making sure that the data collected is verified and deemed to be accurate.

Additional writing space on back page.

c) (CARBON FOOTPRINTS) RESULTS

Back To Calculator

Print Results.



Ways you can cut your emissions :

- .
- .
- .

This examples has an additional 'result' added, is 'Total Carbon Footprint' which is calculated by adding the 'Transport' and 'Household' totals. This will allow the user to see how they compare to the average Australian. Underneath has suggested solutions which will notify the users different ways they can reduce their emission.

