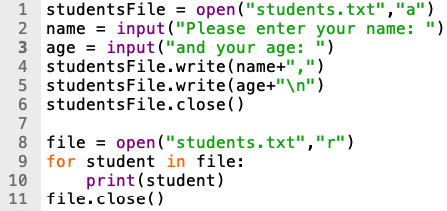
**Handout 1: File Writing Programming Activity**

Look at the code that has been shared with you – [Code Link](https://trinket.io/python3/be274f5480)



**Predict**

In the box predict what you think the code will do when run

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**Run**

Now run the code, what did it do?

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**Investigate**

Look through the code and investigate the answer to these questions

1. Run the program. Take a look at the text file, now change Line from “a” to “w”. run the program 3 times. Look at the text file what happens.

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2. Comment out Line 6, run the program. what is different and why?

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**Modify**

Modify this program to give the user a choice of either creating a new list or adding to the existing list

**Make**

Taking what you have learnt so far tackle this new problem

1. Create a program where a user can make a shopping list which they can update to add new items to their list.
2. At the beginning of the program give them the option to create a new list or add to their existing list.
3. **Challenge:** Give them a chance to loop adding to the list until you type in "stop”.
4. **Mega Challenge:** It would be good if you could give them the option to create different shopping lists by asking them for the file name.