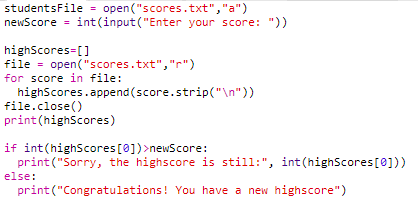
**Handout 2: File Reading Programming Activity**

Look at the code that has been shared with you – [Code link](https://trinket.io/library/trinkets/4d007299bb)



**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. Look at the values in the text files. Try typing in a higher score than the highest score. What happens?

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2. What if the value is lower than the high score? Or equal?

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3. What does **item.strip(“\n”)** do on Line7?

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4. On Line1 change “r” to “a”. Run the program - what happens?

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**Modify**

Using the code make the modifications below. Run it after each task to make sure it works

1. Can you work out the average score and let the user know if they were above average
2. Add the ability to rewrite the file with the new score in the correct position
3. Challenge: Give the top 3 scores with their ranking
4. Mega Challenge: Add an option for the user to view all the highscores presented with their ranking

**Make**

Taking what you have learnt so far tackle this new problem

Write your own game of questions and answers on a topic of your choice.