A 5

Due Oct 4 by 4pm   **Points** 100   **Submitting** a file upload   **File Types** py, pdf, and ipynb

Available Sep 27 at 12am - Oct 4 at 4pm 8 days

This assignment was locked Oct 4 at 4pm.

Notebook ↓ **(https://canvas.harvard.edu/courses/95534/files/13170338/download?download_frd=1)** for assignment

Download the word list **words.txt** ↓ **(https://canvas.harvard.edu/courses/95534/files/12801942/download?download_frd=1)**

Submit your notebook after running all the Unit Tests and pdf of your notebook.

Warning: if you need to specify a path in Windows, you will need to escape the escape character \

Thus, rather than writing

```
C:\Documents\Data\words.txt

you should write
```

```
C:\\Documents\\Data\\words.txt
```

Overall Grading Rubric: Do you

1. Solves problems descriptions
2. Brief Comments appear in appropriate places and meaningful variable names are used.
3. Logic concise, uses Python syntax and Python abilities appropriately
4. Discretionary deductions
5. Delivery: are the appropriate files in the right places?

Assignment 5

Criteria	Ratings		Pts
P1 Intersection Does it correctly find the intersection of two lists? Is it well commented? Is itclear that it works?	**20 pts** **Full Marks**	**0 pts** **No Marks**	20 pts
P2 Rotation Does it work correctly? Is it well commented? Is it clear that it works?	**15 pts** **Full Marks**	**0 pts** **No Marks**	15 pts
P3 Hamming Distance Does it give the right answers? Does it ignore case? Does it raise a ValueError exception if the strings have different length?	**20 pts** **Full Marks**	**0 pts** **No Marks**	20 pts
P4 Find all reversals Does it find all reversals in the file? Does it report the number of matches and the first ten results? Does it catch a fileNoteFound error and print a useful message?	**25 pts** **Full Marks**	**0 pts** **No Marks**	25 pts

Criteria	Ratings		Pts
P5 Sum of Two Does it run? Did you remove the 'while' loop? Does it pass all the Unit Tests provided?	**20 pts** **Full Marks**	**0 pts** **No Marks**	20 pts
			Total Points: 100