

Eric Li  
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ITMD 413 HW 10  
Report Summary

1. Yes the assignment was completed without errors. There is also a way to catch invalid errors.
2. Yes, the program correctly modifies the dictionary, file and pickles.
3. Yes, I tested the program with various inputs for all possibilities.
4. I spent about 5 hours on this assignment.
5. I programmed this myself.
6. I consulted the documentation, notes, and used sites like Google and Stack Overflow.
7. I learned how to use pickling in Python (serialization).
8. None.

```
Enter:
1. To find an email address
2. To add a new name and email address
3. To change an existing email address
4. To delete an existing name and email address
0. To save and stop the program
2
Enter new name: Eric
Enter new email address: eli7@hawk.iit.edu
Successfully added {'Eric': 'eli7@hawk.iit.edu'}

Enter:
1. To find an email address
2. To add a new name and email address
3. To change an existing email address
4. To delete an existing name and email address
0. To save and stop the program
2
Enter new name: Daniel
Enter new email address: djb123@gmail.com
Successfully added {'Eric': 'eli7@hawk.iit.edu', 'Daniel': 'djb123@gmail.com'}

Enter:
1. To find an email address
2. To add a new name and email address
3. To change an existing email address
4. To delete an existing name and email address
0. To save and stop the program
1
Enter name to find email: Eric
eli7@hawk.iit.edu

Enter:
1. To find an email address
2. To add a new name and email address
3. To change an existing email address
4. To delete an existing name and email address
0. To save and stop the program
3
Enter the name of the person whose email you would like to change: Daniel
Enter the new email: d123@yahoo.com
Successfully changed email

Enter:
1. To find an email address
2. To add a new name and email address
3. To change an existing email address
4. To delete an existing name and email address
0. To save and stop the program
4
Enter the name of the person you would like delete: Eric
Successfully deleted

Enter:
1. To find an email address
2. To add a new name and email address
3. To change an existing email address
4. To delete an existing name and email address
0. To save and stop the program
0
===Saved===
```

```
Enter:
1. To find an email address
2. To add a new name and email address
3. To change an existing email address
4. To delete an existing name and email address
0. To save and stop the program
a
Invalid input

Enter:
1. To find an email address
2. To add a new name and email address
3. To change an existing email address
4. To delete an existing name and email address
0. To save and stop the program
0
===Saved===
PS Z:\ITMD 413 Open Source Programming (Python)\ITMD-413\HW 10> █
```