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# System Requirements Specification Index

For

## Python with Json

Version 1.0

Problem Statement : Python conversion using json.

Description : Use relevant methods of python to perform specified activities which are given in the instructions.

The Template contains the following folder structure.

```
PythonJsonConversion |  
                      |--python_conversion.py  
                      |--data.json  
                      |--test (contains unit test case files for the solution)
```

### **Python\_conversion.py:**

Implement all the methods as specified in the following instructions.

1. Given the Python dictionary {"name": "Alice", "age": 25, "city": "London"}, what will the python\_to\_json function return?
2. filter the json file to fetch the data from new York?
3. using the given function for find the minimum age of the person from the json data ?
4. using the given function for find Emma's age ?
5. can you find Daniel hobby from the json data ?
6. find out the eva's experience from the given json data .
7. find the count of people who does reading for a hobby ?
8. find out people who are coming from san diego?

## Execution Steps to Follow:

1. All actions like build, compile, running application, running test cases will be through Command Terminal.
2. To open the command terminal the test takers, need to go to Application menu (Three horizontal lines at left top) -> Terminal -> New Terminal
3. This editor Auto Saves the code
4. If you want to exit(logout) and continue the coding later anytime (using Save & Exit option on Assessment Landing Page) then you need to use CTRL+Shift+B-command compulsorily on code IDE. This will push or save the updated contents in the internal git/repository. Else the code will not be available in the next login.
5. These are time bound assessments the timer would stop if you logout and while logging in back using the same credentials the timer would resume from the same time it was stopped from the previous logout.
6. To setup environment:  
pip install requests

7. To launch application:

```
python3 python_conversion.py
```

8. To run Test cases:

```
python3 -m unittest
```

9. Before Final Submission also, you need to use CTRL+Shift+B-command compulsorily on code IDE. This will push or save the updated contents in the internal git/repository for code quality analysis graph.

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