

Inspector: Mera Heidy

- q33:
- Evidence
- run the program :
  - a. insert into json
  - b. read from json
- keyboard input
- Json Structure
- Code Quality
- Class Diagram
- Rubric
- run the program :
  - a. insert into json 0/5
  - b. read from json 0/5
- keyboard input: 0/10 (4 values)
- Json Structure 10/10 (consistent with the model)

```
import json

class Notebook:
    def __init__(self, id, title, content, tags):
        self.id = id
        self.title = title
        self.content = content
        self.tags = tags

    def to_dict(self):
        return {
            'id': self.id,
            'title': self.title,
            'content': self.content,
            'tags': self.tags
        }

    @staticmethod
    def from_dict(data):
        return Notebook(data['id'], data['title'], data['content'], data['tags'])

def save_to_json(file_name, notebook_list):
    with open(file_name, 'w') as f:
        json.dump([notebook.to_dict() for notebook in notebook_list], f, indent=4)

def load_from_json(file_name):
    try:
        with open(file_name, 'r') as f:
            return [Notebook.from_dict(item) for item in json.load(f)]
    except FileNotFoundError:
```

- Code Quality 9/10 (Clean Code and Pitfalls)

```

Users > heiso > AppData > Local > Temp > Rar$Dla19028.46062 > Stand.py > ...
1 public class Stand:
2     ⚡
3     def __init__(self, id, balance, posture):
4         self._id = id
5         self._balance = balance
6
7         self._posture = posture
8
9         # Getter methods
10        def get_balance(self):
11            return self._balance
12
13        def get_id(self):
14            return self._id
15
16        def get_posture(self):
17            return self._posture
18
19        # Setter methods
20        def set_balance(self, balance):
21            self._balance = balance
22
23        def set_id(self, id):
24            self._id = id
25
26        def set_posture(self, posture):
27            self._posture = posture

```

- Class Diagram 6/10 (model 5, utils 3, view 2)



