

```
import json, os from setup import printError
```

**finds the next id by finding the last max id used
then add 1**

```
def calculateId(): existing_ids = [-1] for f in os.listdir('states/'): file_name,
ext = os.path.splitext(f) if ext == '.json': try: existing_ids.append(file_name)
except: printError('WARNING', 'file: {} not conform'.format(file_name))
else: printError('WARNING', 'file {} not json type'.format(file_name)) return
max(existing_ids) + 1
```

```
class State:
```

```
def __init__(self):
    self.id = calculateId()
```