

```
"""Sentiment Analysis API for individual stories"""
```

```
from app import app
```

```
from sent_analysis import subjectize, polarize
```

```
from models import Story
```

```
from flask import jsonify, session
```

```
from helpers import *
```

```
@app.route('/story/<id>/polarity', methods=['POST'])
```

```
def show_pol_calls(id):
```

```
    try:
```

```
        # check to see if id represents a sqlalchemy object that needs converted to dict to be fed to SA functions
```

```
        # write logic to save score to db if story saved
```

```
        db_story = Story.query.get(id)
```

```
        story = db_story_to_dict(db_story)
```

```
    except:
```

```
        results = session['results']
```

```
        story = [story for story in results if story['id'] == id][0]
```

```
    score = polarize(story)
```

```
    if not score:
```

```
        story['pol'] = "No Data"
```

```
    else:
```

```
        score = score['article_res']['result']
```

```
        story['pol'] = str(score)
```

```
    return jsonify({'response': story['pol']})
```

```
@app.route('/story/<id>/subjectivity', methods=['POST'])
```

```
def show_sub_calls(id):
```

```
    try:
```

```
    # check to see if id represents a sqlalchemy object that needs converted to dict to be fed to SA
functions
```

```
    db_story = Story.query.get(id)
```

```
    story = db_story_to_dict(db_story)
```

```
except:
```

```
    results = session['results']
```

```
    story = [story for story in results if story['id'] == id][0]
```

```
score = subjectize(story)
```

```
if not score:
```

```
    story['sub'] = "No Data"
```

```
else:
```

```
    score = score['measure']
```

```
    story['sub'] = str(score)
```

```
return jsonify({'response': story['sub']})
```