**Testing and Linting Results**

1. **Testing results**

Using pytest, a total of 7 unit tests were written to test the basic functionality of the application. Testing results are presented below:

A screenshot of a computer program

Description automatically generated

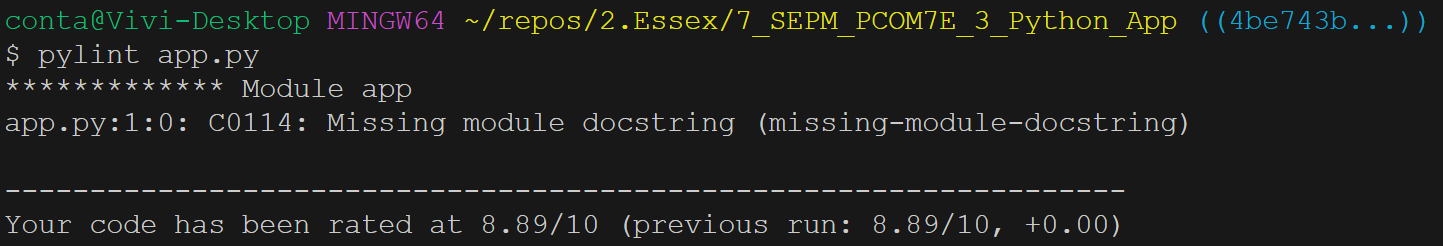
1. **Linting results**

The code was linted using pylint and as many warnings were silenced as possible. Some warnings could not be silenced due to the nature of packages used throughout the application.

After running pylint for the first time, the code was refactored many times to enhance the code elegance. The results and the increased pylint score show that this goal has been achieved.

The pylint results before after refactoring the code can be found below:

* 1. **Results before refactoring**

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**A screen shot of a computer error

Description automatically generated**

**A black screen with white text

Description automatically generated**

**A screenshot of a computer program

Description automatically generated**

* 1. **Results after refactoring**

A screen shot of a computer

Description automatically generated

A screen shot of a black background

Description automatically generated

A computer screen shot of a computer screen

Description automatically generated

A screen shot of a computer

Description automatically generated