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| **Student Name:** | **Michael Reed** |
| **Student ID:** | **20056066** |
| **Task:** | **2** |
| **Task Title:** | **Portfolio: Task 2** |
| **Task Code:** | **AT2 POR-Task-2** |
| **Due Date:** | ***Session 09***  *Please see blackboard for the most accurate due date.* |
| **Notes:** | *If you did not DOUBLE CLICK this template, then close the file and do so to create your blank report.* |

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# 01 Create a new pycharm project

#### Please upload the project as a zip-file (remove virtual environment before uploading to Blackboard).

# 02 Create an ‘event’ class

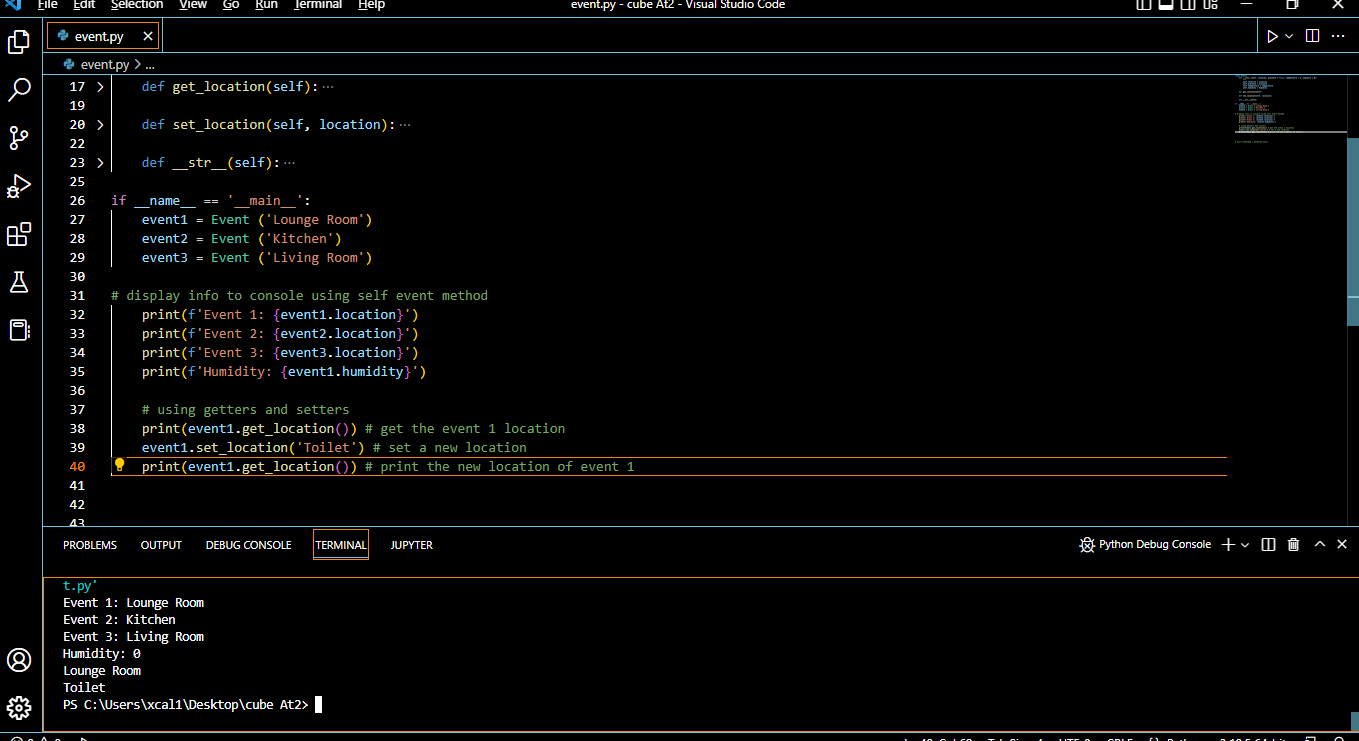
#### No evidence required in this document.

# 03 Print human readable info

#### Explain the choice you made for what to print as human readable info.

The info displayed in the console needs to

1. Show what room it is,
2. the type of data being displayed
3. it would be ideal to have a line break between each piece of information rather than all in one line



# 04 SImple testing and inspection

#### Provide a screenshot of the output of your script after it has run

A screenshot of a computer

Description automatically generated

# 05 Events are, well, events

#### No evidence needed in this document.

# 06 Analysis: Class Diagram

#### Show the Class Diagram below.

# 07 Analysis: adding events

#### Show the updated Class Diagram below.

two classes, **Event** and **LocationEvents**.

Draw a Class Diagram that shows the relationship between these classes. Use the correct type of association between them and show multiplicities.

# 08 Analysis: Sequence Diagram (success)

#### Show the Sequence Diagram below.

# 09 Sequence Diagram (alternate scen.)

#### Show the updated Sequence Diagram(s) below.

# 10 Implement the method

#### No evidence required for this question in this document.

# 11 Keep your project safe

#### No evidence required for this question.

# Appendix A: Template Instructions

Some basic instructions on using this template.

These instructions include:

* Adding references, and
* What to do **before** submitting the assessment.

# Appendix B: Before Submission

Before you submit the assessment:

1. Ensure you have completed all the steps and answered all questions in the assessment task.
2. Then update the Table of Contents
3. Save this document as per instructions in the assessment task.

Once all the above is completed then you are able to submit the work for assessment.