Midterm Test — Sample Solutions

CSC148H1 / LEC0301 — Badr

Solution:
Winter 2020 — Duration: **110 minutes**

Question 1. [10 marks]

Here's the start of some code for managing rooms in the department of Computer Science. It has a problem: When run, an error is raised.

```
class Room:
    """
    === Public Attributes ===
    users: the names of people who have key access to this Room.
    """
    users: List[str]

    def __init__(self) -> None:
        self.users = []


class Office(Room):
    """
    === Public Attributes ===
    users: the names of people who have key access to this Room.
```