

CSC 2111 Lab 07

Objectives:

1. Class and Data Abstraction
2. Implement a user defined class
3. Separate Class declaration and definition

Question 1:

On blackboard, you will find files named “Question1.cpp”. It uses a `House` class which has not yet been defined. It is your task to define the class within the `Question1.cpp` file for use within the main block. You will need the following:

1. A default and parameterized constructor
2. Methods to get and set the number of bedrooms, bathrooms, parking spots, and the year the house was built.
3. Private members to store the state for each of the data items.

The output should match the example below.

Example 1:

```
How many bedrooms does your house have? 5
How many bathrooms does your house have? 2
How many cars fit in your garage? 1
What year was your house built? 2010
Your house has 2 more bedrooms
Your house has 1 more bathrooms
Your garage holds 2 fewer cars
Your house was built 9 years after my own.
```