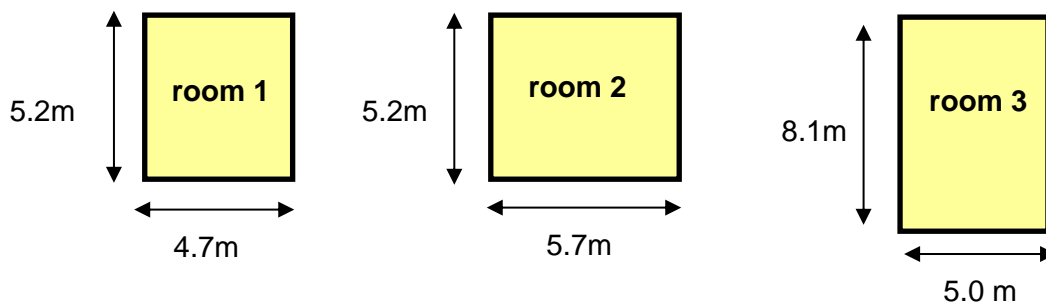


Extra Challenges!

These extra challenges are not assessed but allow you to challenge yourself further.

1. Instead of fixing a BankAccount's number and name in your code, allow the user of your **BankApp** program to enter these values before object creation.
2. For this task, develop a small Room Design application.
 - a) We will need to make use of the **Rectangle** class in this program. Go to Moodle/Teams, download and select the **Rectangle** class then upload this file into JDoodle (using the Advanced IDE)
 - b) RENAME THE MAIN CLASS - call it **RoomDesignApp**.
 - c) In the **main** method of the **RoomDesignApp** program, declare an array called **rooms**, to hold 3 **Rectangle** objects. Each **Rectangle** object will represent the dimensions of a room in an apartment.
 - d) The 3 rooms in the apartment have the following dimensions:



Add 3 appropriate *Rectangle* objects into the rooms array to represent these 3 rooms.

- e) Write instructions to display the area of all 3 rooms on the screen.