Lab Sheet 2

PART A

1. Create a Java Program that will read your
   a. Name {use in.next()}
   b. Full Name {use in.nextLine()}
   c. Age{use in.nextInt()}
   d. Address{use in.nextLine()}
   e. Height{use in.nextDouble()}
   f. Marks {use in.nextFloat()}

2. Modify the above program to print back the details in a formatted way:
   a. Name:Amrita
   b. Full Name: Amrita Vishwa.
   c. Age:20
   d. Address:Amrita Vishwa Vidyapeetham, Amritapuri Campus
   e. Height:150.55 cm
   f. Marks: 91.53.

3. Create a Java program to find sum of
   a. Two integers
   b. Two Double valued number

PART B

1. Identify the attributes and behaviour for the following entities
   a. Mobile
   b. Employee
   c. Doctor
   d. Car
      Draw the Object (Minimum 2 objects) and Class Model for these entities

2. Identify the different objects in our AUMS system

a. Identify their states and behaviour
b. Perform the classification or grouping similar objects.
   Note: Group objects which have similar characteristics.
c. Identify and create a class with attributes and methods for each group.
d. Assign the data type for these attributes and methods and create a class Model.
e. Update the Class Model with Member visibility