

```
1 package model;
2
3 import java.text.ParseException;
4
5 /**
6  * Class Client to store details of a Client.
7  * @author Daria Vekic (Student ID: 586661)
8  *
9  */
10 public class Client extends Person {
11
12     //Instance fields
13     private final Case CASE;
14     private final int CLIENT_ID;
15     private static int clientCount = 0;
16
17     /**
18      * Constructor method to create Client object.
19      * @param fName - this Client's first name.
20      * @param lName - this Client's last name.
21      * @param dob - this Client's date of birth.
22      * @param addressLOne - this Client's address line one.
23      * @param addressLTwo - this Client's address line two.
24      * @param postcode - this Client's postcode.
25      * @param phoneNum - this Client's phone number.
26      * @param legalCase - the Case linked to this Client.
27      * @throws ParseException - thrown if date of birth cannot be parsed.
28      */
29     public Client(String fName, String lName, String dob, String addressLOne, String addressLTwo,
30         String postcode, String phoneNum, Case legalCase) throws ParseException {
31         super(fName, lName, dob, addressLOne, addressLTwo, postcode, phoneNum);
32         CLIENT_ID = ++clientCount;
33         this.CASE = legalCase;
34     } //end constructor method
35
36     /**
37      * Method to access this Client's Case.
38      * @return CASE
39      */
40     public Case getCASE() {
41         return CASE;
42     } //end method getCASE
43
44     /**
45      * Method to access this Client's ID.
46      * @return CLIENT_ID
47      */
48     public int getCLIENT_ID() {
49         return CLIENT_ID;
50     } //end method getCLIENT_ID
51
52     /**
53      * Method to create a String comprised of this Client's details.
54      * @return this Client's details
```

Client.java

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```
55     */
56     @Override
57     public String toString() {
58         return "Client\n" + super.toString()
59             + "\nClient ID : " + CLIENT_ID;
60     } //end method toString
61 } //end class Client
62
```