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1
2 /**
3  * A class dedicated to the address of the loyalty card program.
4  *
5  * @author (Grant Allenby)
6  * @version (v1.0 22/10/18)
7  */
8 public class LoyaltyCardAddress
9 {
10     // instance variables used by the loyaltycardaddress constructor.
11     private String postcode;
12     private String street;
13     private String town;
14     private String fullAddress;
15     /** the constructor by which the post code, street and town can be inputted
16     by the user.
17     * @param postcode - postcode of the student.
18     * @param street - street of the student.
19     * @param town - town of the student.
20     */
21     public LoyaltyCardAddress(String street, String town, String postcode)
22     {
23         this.street = street;
24         this.town = town;
25         this.postcode = postcode;
26     }
27
28     //accessor methods
29
30     /** method that fetches the address of the student.
31     * @return postcode + street + town - returns the full address.
32     */
33     public String getFullAddress() {
34         return (street + "\n" + town + "\n" + postcode);
35     }
36
37     /** method that fetches just the post code of the student.
38     * @return postcode - returns the postcode.
39     */
40     public String getPostcode() {
41         return postcode;
42     }
43
44     /** method that fetches just the street of the student.
45     * @return street - returns the street.
46     */
47     public String getStreet() {
48         return street;
49     }
50
51     /** method that fetches just the town of the student.
52     * @return town - returns the town.
53     */
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54 public String getTown(){
55     return town;
56 }
57
58 //mutator methods
59
60 /** method that changes the full address of the student.
61  * @param postcode - postcode of the student.
62  * @param street - street of the student.
63  * @param town - town of the student
64  */
65 public void setFullAddress(String postcode, String street, String town) {
66     this.postcode = postcode;
67     this.street = street;
68     this.town = town;
69 }
70
71 /** method that changes the postcode of the student.
72  * @param postcode - postcode of the student.
73  */
74 public void setPostCode(String postcode){
75     this.postcode = postcode;
76 }
77
78 /** method that changes the street of the student.
79  * @param street - street of the student.
80  */
81 public void setStreet(String street){
82     this.street = street;
83 }
84
85 /** method that changes the town of the student.
86  * @param town - town of the student.
87  */
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