

```

1 package com.publiccept;
2
3 /**
4  * VipCustomer
5  *
6  * VipCustomer()
7  * VipCustomer(String name, double creditLimit)
8  * VipCustomer(String name, double creditLimit, String email)
9  *
10 * getName()
11 * getCreditLimit()
12 * getEmail()
13 */
14 public class VipCustomer {
15
16     /**
17      * Challenge 2: VIP Customer
18      */
19     // Create a new class VipCustomer
20     // it should have 3 fields name, credit limit, and email address.
21     // create 3 constructors
22     // 1st constructor empty should call the constructor with 3 parameters with default values
23     // 2nd constructor should pass on the 2 values it receives and add a default value for the 3rd
24     // 3rd constructor should save all fields.
25     // create getters only for this using code generation of intellij as setters wont be needed
26     // test and confirm it works.
27
28
29
30     // == fields ==
31     private String name;
32     private double creditLimit;
33     private String email;
34
35
36
37     // == constructors ==
38     /**
39      * VipCustomer()
40      * Empty, default value constructor
41      */
42     public VipCustomer() {
43         this("Name Example", 0.00d, "name.example@mail.com");
44     }
45
46
47     /**
48      * VipCustomer()
49      * VipCustomer(String name, double creditLimit)
50      * Special constructor with 2 params
51      * @param name
52      * @param creditLimit
53      */
54     public VipCustomer(String name, double creditLimit) {
55         this(name, creditLimit, "no email");
56     }
57
58
59     /**
60      * VipCustomer()
61      * Main Constructor
62      * @param name
63      * @param creditLimit
64      * @param email
65      */
66     public VipCustomer(String name, double creditLimit, String email) {
67         this.name = name;
68         this.creditLimit = creditLimit;
69         this.email = email;
70     }
71
72
73
74     // == getters ==
75     /**
76      * getName()
77      * @return name
78      */
79     public String getName() {
80         return name;
81     }
82
83     /**
84      * getCreditLimit()
85      * @return credit limit
86      */
87     public double getCreditLimit() {
88         return creditLimit;
89     }
90
91     /**
92      * getEmail()
93      * @return email address
94      */
95     public String getEmail() {
96         return email;
97     }

```

98 }