COMP 1210 (1210-Fall-2018): Activity 04A (max 10 submits), by Jacob Stockwell

[< Back to Summary]

Assignment	COMP 1210 (1210-Fall-2018): Activity 04A (max 10 submits) try #3
Name	Jacob Stockwell (jts0098)
Partners	Jacob Stockwell (jts0098)
Submitted	09/17/18 04:56PM, 7 hrs, 2 mins early
Total Score	**100.0**/100.0

Score Summary	
Style/Coding:	20.0/20.0
Correctness/Testing:	80.0/80.0
Final score:	**100.0/100.0**
Position in class:	

File	Remarks	Deductions
UserInfo.java	0	0.0
UserInfoDriver.java	0	0.0

⊟UserInfo.java

```java
/**
 *
 * @Author: Jacob Stockwell
 * @version: 09/17/18
 *
 * Description: This program is designed to create classes to
 * display user info
 */

public class UserInfo
{
  /**
   *
   * @param args not used
   *
   */

    // instance variables
    private String firstName;
    private String lastName;
    private String location;
    private int age = 0;
    private int status = 0;


    //constructor
    private static final int OFFLINE = 0, ONLINE = 1;

    //methods
```

```java
 31          /**
 32           * templete for creating a new user.
 33
 34           * @param firstNameIn gets user first name
 35           * @param lastNameIn gets user last name
 36           * This should include full name
 37           */
 38          public UserInfo(String firstNameIn, String lastNameIn)
 39          {
 40              firstName = firstNameIn;
 41              lastName = lastNameIn;
 42
 43              location = "Not specified";
 44              age = 0;
 45              status = OFFLINE;
 46
 47
 48
 49          }
 50          /**
 51           * @return output of the user info
 52           *
 53           */
 54
 55          public String toString()
 56          {
 57              String output = "Name: " + firstName + " "
 58                  + lastName + "\n";
 59
 60              output += "Location: " + location + "\n";
 61              output += "Age: " + age + "\n";
 62              output += "Status: ";
 63              if (status == OFFLINE)
 64              {
 65                  output += "Offline";
 66
 67              }
 68              else
 69              {
 70                  output += "Online";
 71
 72              }
 73
 74              return output;
 75          }
 76
 77          /**
 78           *
 79           * @param locationIn the users new location
 80           */
 81
 82          public void setLocation(String locationIn)
 83          {
 84              location = locationIn;
 85
 86
 87          }
 88
 89          /**
 90           * @param ageIn sets the users age to a new int
 91           * @return isSet that the new age is set
 92           */
 93
 94          public boolean setAge(int ageIn)
```

```
 95        {
 96            boolean isSet = false;
 97            if (ageIn > 0)
 98            {
 99                age = ageIn;
100                isSet = true;
101
102            }
103            return isSet;
104        }
105
106        /**
107         * @return age upon request
108         *
109         */
110
111        public int getAge()
112        {
113
114            int getAge = age;
115            return age;
116        }
117
118        /**
119         * @return location of the user
120         *
121         */
122
123        public String getLocation()
124        {
125
126            return location;
127        }
128
129        /**
130         *
131         *
132         */
133
134        public void logOff()
135        {
136            status = OFFLINE;
137        }
138
139        /**
140         *
141         *
142         */
143
144        public void logOn()
145        {
146            status = ONLINE;
147        }
148    }
```

⊟ UserInfoDriver.java

```
1    /**
2     *
3     * @Author: Jacob Stockwell
4     * @version: 09/17/18
5     *
6     * Description: This program is designed to create classes to
7     * display user info
```

```
 8      */
 9    public class UserInfoDriver
10    {
11    /**
12      *
13      * @param args not used
14      */
15
16      public static void main(String [] args)
17      {
18         UserInfo user1 = new UserInfo("Pat", "Doe");
19         System.out.println("\n" + user1);
20         user1.setLocation("Auburn");
21         user1.setAge(19);
22         user1.logOn();
23         System.out.println("\n" + user1);
24
25         UserInfo user2 = new UserInfo("Sam", "Jones");
26         System.out.println("\n" + user2);
27         user2.setLocation("Atlanta");
28         user2.setAge(21);
29         user2.logOn();
30         System.out.println("\n" + user2);
31
32      }
33    }
```

< Back to Summary