

```
1
2  /*****
3   * This class builds items for the game.
4   *
5   * @author Ben Parsell
6   * @version 1.0.0 (11/19/2015)
7   */
8  public class Item
9  {
10     /** Name of an item */
11     private String name;
12
13     /** Description of an item */
14     private String description;
15
16     /** Weight of an item */
17     private int weight;
18
19     /** Edible value of an item */
20     private boolean edible;
21
22     /*****
23     * Main Constuctor
24     *
25     * @param n the name of an item
26     * @param d the description of an item
27     * @param w the weight of an item
28     * @param e the edible value of an item
29     *****/
30     public Item(String n, String d, int w, boolean e) {
31         // Initialize instance variables
32         name = n;
33         description = d;
34         weight = w;
35         edible = e;
36     }
37
38
39     /*****
40     * Method to set the name of an item.
41     *
42     * @param n the name of an item
43     *****/
44     public void setName(String n) {
45         name = n;
46     }
47
48
49     /*****
```

```
50      * Method to set the description of an item
51      *
52      * @param d the description of an item
53      *****/
54      public void setDescription(String d) {
55          description = d;
56      }
57
58
59      /*****
60      * Method to set the weight of each item
61      *
62      * @param w the weight of an item
63      *****/
64      public void setWeight(int w) {
65          weight = w;
66      }
67
68
69      /*****
70      * Method to change the edible value of each item
71      *
72      * param e the edible value of an item
73      *****/
74      public void setEdible(boolean e) {
75          edible = e;
76      }
77
78
79      /*****
80      * Method to retrieve name of item
81      *
82      * @return name the name of an item
83      *****/
84      public String getName() {
85          return name;
86      }
87
88
89      /*****
90      * Method to retrieve description of an item
91      *
92      * @return description the description of an item
93      *****/
94      public String getDescription() {
95          return description;
96      }
97
98
```

```
99      /*****
100      * Method to retrieve weight of an item
101      *
102      * @return weight the weight of the item
103      *****/
104      public int getWeight() {
105          return weight;
106      }
107
108
109      /*****
110      * Method to retrieve value of item being edible or not
111      *
112      * @return edible value of item being edible
113      *****/
114      public boolean getEdible() {
115          return edible;
116      }
117
118
119      /*****
120      * Method to check if item is edible or not
121      *
122      * @return true of false for if item is edible
123      *****/
124      public boolean isEdible() {
125          // Check if item is edible
126          if(edible) {
127              return true;
128          }
129          return false;
130      }
131  }
132
```