```java
package Exam2.andrewjanuszko;

public class Exam2 {

    private String t;
    private String s;
    private String n;
    private String height;
    private double zeroTax;
    private double fiveTax;
    private double taxedIncome;

    /**
     * Assign the values to a variable.
     */
    public Exam2() {
        t = "Tall";
        s = "Short";
        n = "Normal";
        zeroTax = 0.00;
        fiveTax = 0.05;
    }

    /**
     * Check to see if someone is tall or short.
     * @param i the height we are testing.
     * @return the string value for the height range.
     */
    public String getSimpleHeight(int i) {
        if(i >= 70) {
            height = t;
        }
        else {
            height = s;
        }
        return height;
    }

    /**
     * Check to see if someone is tall, normal, or short.
     * @param i the height we are testing.
     * @return the string value for the height range.
     */
    public String getHeight(int i) {
        if(i >= 70) {
            height = t;
        }
        if(i <= 69 && i >=64) {
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49              height = n;
50          }
51          if(i <= 63) {
52              height = s;
53          }
54          return height;
55      }
56
57      /**
58       * Test an income against a two level tax.
59       * @param income the income we are testing against the tax levels.
60       * @return the taxed income.
61       */
62      public double twoLevelTax(double income) {
63          if (income >= 30000) {
64              taxedIncome = income * fiveTax;
65          }
66          else {
67              taxedIncome = income * zeroTax;
68          }
69          return taxedIncome;
70      }
71
72      /**
73       * Get the sum of the numbers in an array.
74       * @param array holds the numbers we are adding up.
75       * @return the sum of the numbers.
76       */
77      public int sum(int[] array) {
78          int sum = 0;
79          for (int i = 0; i < array.length; i++) {
80              sum = sum + array[i];
81          }
82          return sum;
83      }
84
85      /**
86       * Find the first period in the sentence.
87       * @param string the sentence we are testing.
88       * @return the position of the period.
89       */
90      public int firstPeriodPosition(String string) {
91          for (int i = 0; i < string.length(); i++) {
92              if(string.charAt(i) == '.') {
93                  return i;
94              }
95          }
96          return -1;
```

```
 97     }
 98
 99
100 }
101
```