```
112         eval = ((p1 * numberOfLeaves + p2 * height)
113                 / (2 * sizeOfIndividual * (p1 + p2)));
114 
115         return eval;
116     }
117 
118     public double getEvaluation() {
119         return eval;
120     }
121 
122     public String getAxiom() {
123         return axiom;
124     }
125 
126     public void setAxiom(String axiom) {
127         this.axiom = axiom;
128     }
129 
130     @Override
131     public int compareTo(Cromossomo t) {
132         int res = 0;
133 
134         if (eval < t.getEvaluation()) {
135             res = -1;
136         } else if (eval > t.getEvaluation()) {
137             res = 1;
138         }
139         return res;
140     }
141 
142     @Override
143     public String toString() {
144         String res = "    Axioma: " + axiom + "\n    Avaliação: " + eval;
145         return res;
146     }
147 
148     private void countLeaves() {
149         numberOfLeaves = 0;
150         int i;
151         String evAxiom;
152 
153         evAxiom = axiom.replaceAll("F", axiom);
154 
155         for (i = 0; i < evAxiom.length() - 1; i++) {
156             if (evAxiom.charAt(i) == 'F' && evAxiom.charAt(i + 1) == ']') {
157                 numberOfLeaves++;
158             }
159         }
160         if (evAxiom.charAt(i) == 'F') {
161             numberOfLeaves++;
162         }
163     }
164 
165     private void calcHeight() {
166         height = 0;
167         int i, ck;
```