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/**
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 * Seminar number : 2
* Program Description:
                         This programs main function is to be the child class to Plant,
                         and this program implements the Comparable interface and this program
creates Tree objects
*/
public class Tree extends Plant implements Comparable<Tree>
{
   private Double height = 0.0;
   public static void main(String[] args)
   }
   //unparameterized constructor
   public Tree()
   {
        super();
       height = 0.0;
   //parmaitized constructor
   public Tree(String name, int lifespan, Double height)
   {
        super(name, lifespan);
       this.height = height;
   }
   public Double getHeight()
   {
        return height;
   }
   public void setHeight(double height)
       this.height = height;
   }
   @Override
    public void plantUsage()
   }
    @Override
    public void botanicalName()
```

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{
 }
@Override
public int compareTo(Tree t)
    if(this.getHeight() < t.getHeight())</pre>
        return -1;
    if(this.getHeight() > t.getHeight())
        return 1;
    else {
        return 0;
    }
}
@Override
public boolean equals(Object t)
    super.equals(t);
Tree tree = (Tree)t;
    return this.getHeight().equals(tree.getHeight());
}
@Override
public String toString()
    return String.format(super.toString() + " " + height);
}
```

}