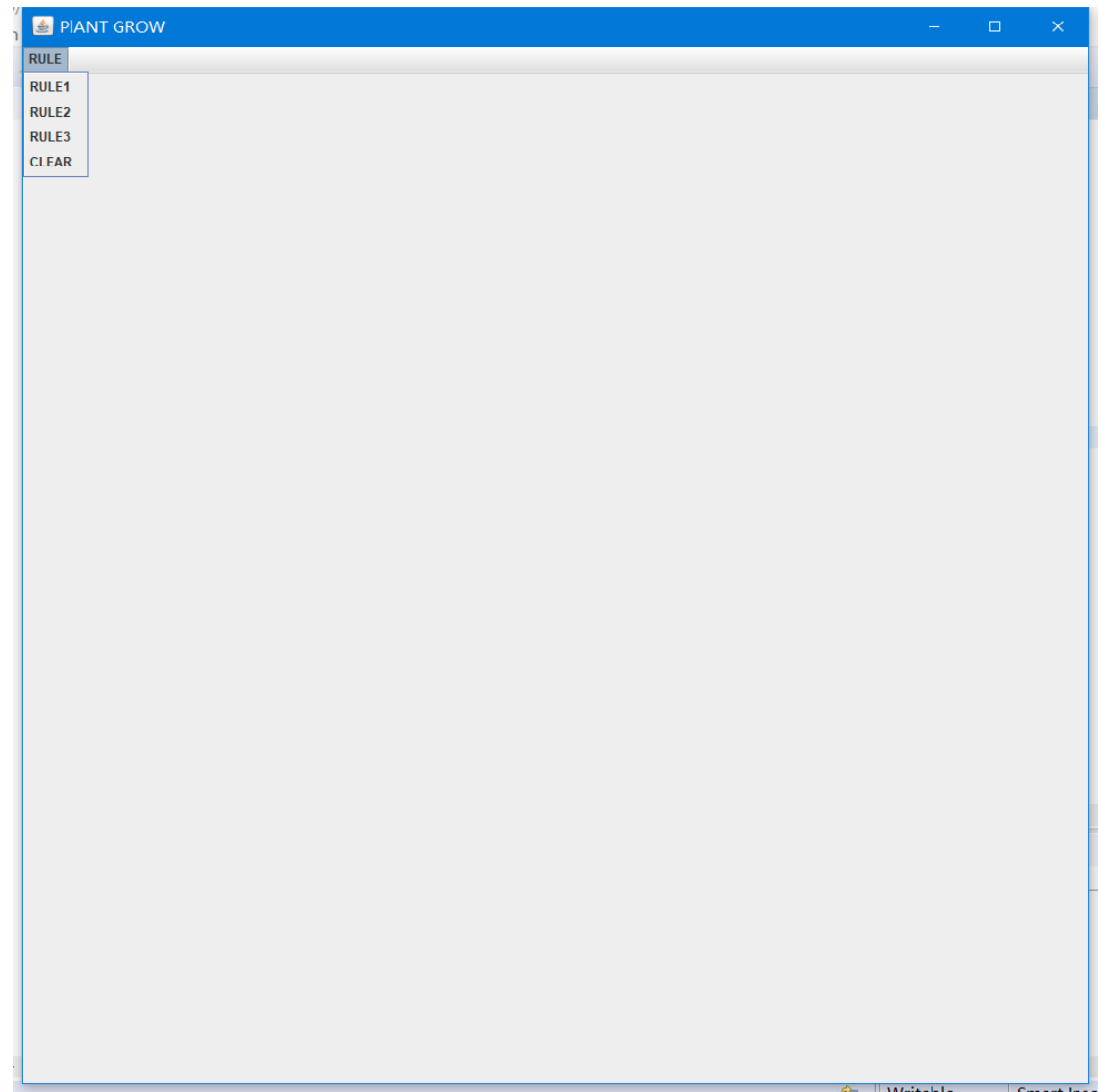


# Output of Assignment 5a

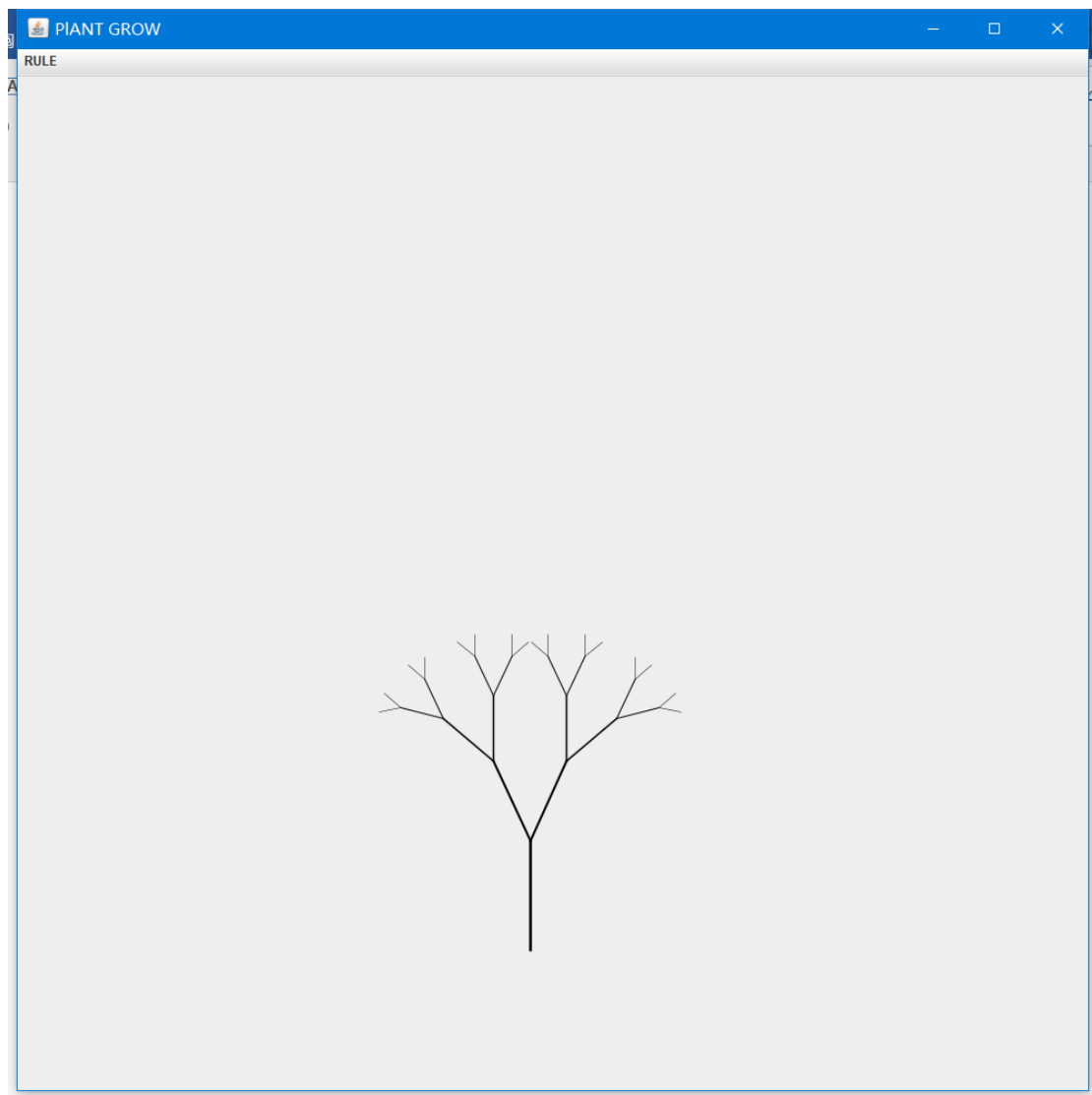
Yixuan Wang

## Part A: Graphics of Interface and 3 Trees Growing

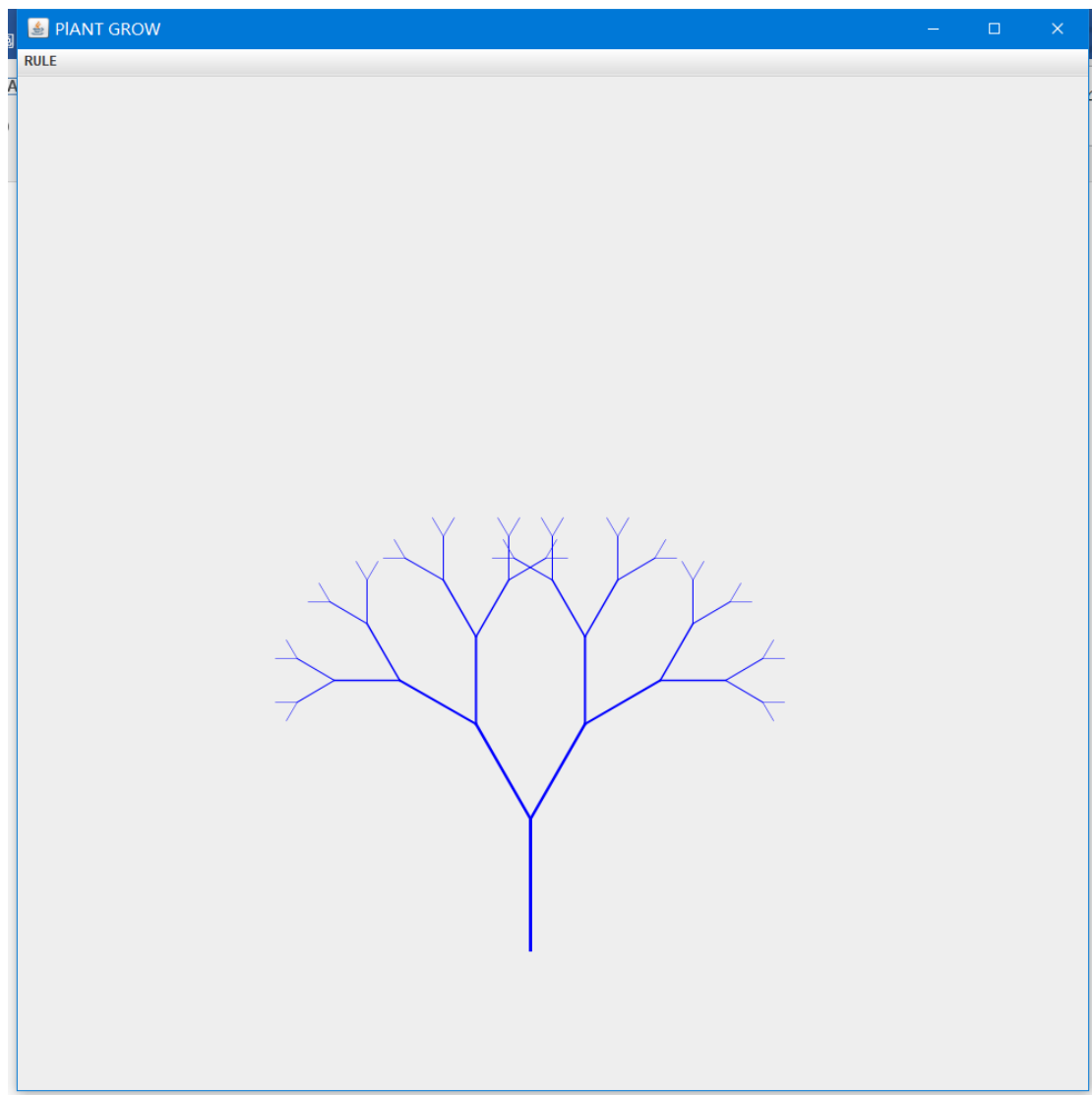
### 1. Starting Interface and Menu



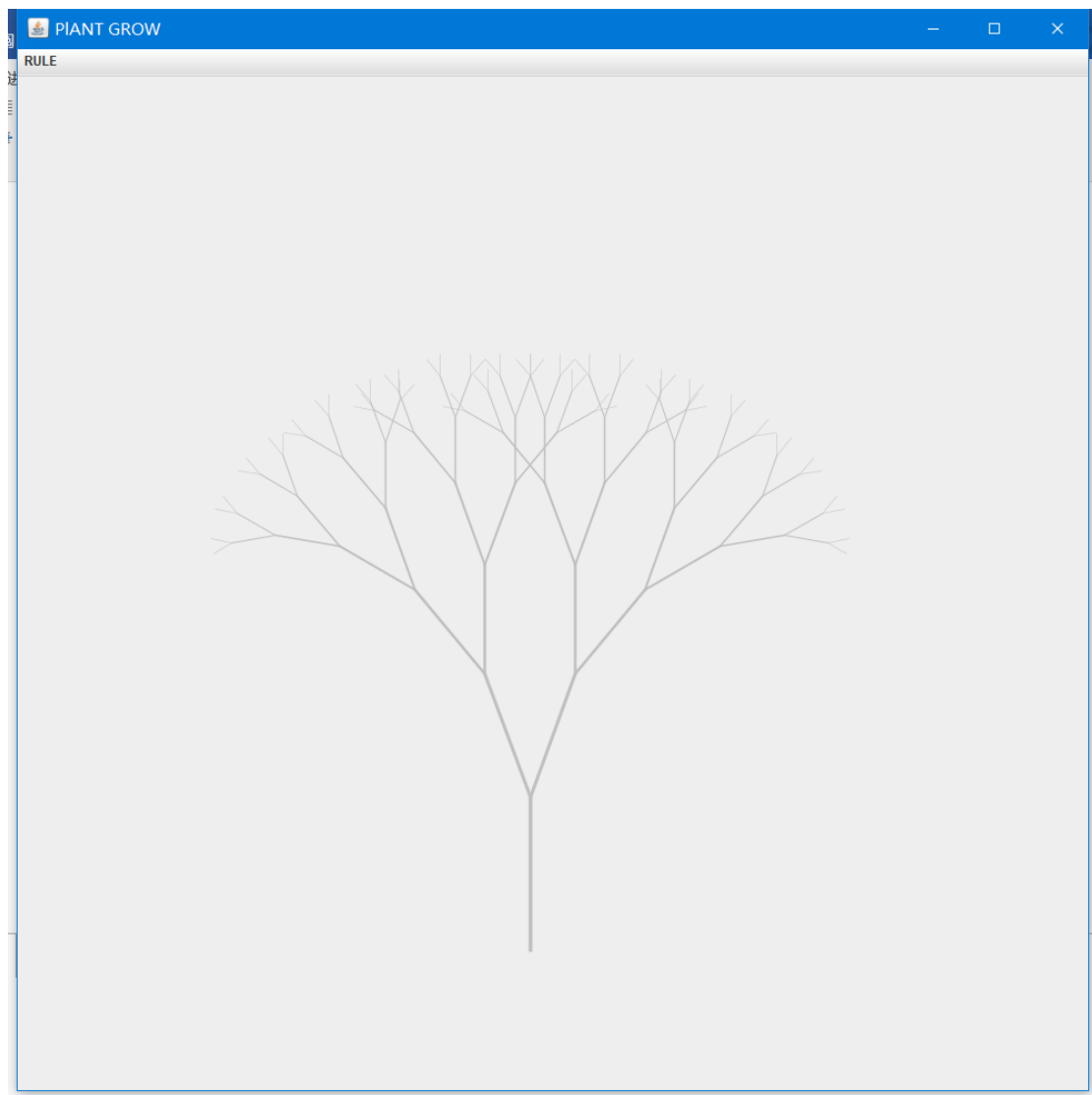
## 2. Tree Image of RULE1



### 3. Tree Image of RULE2



#### 4. Tree Image of RULE3



**Part B: Output of Generation Set of 3 different Rules (different Radians & different Length)**

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RULE1 Generation Set

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|                   |              |             |           |           |
|-------------------|--------------|-------------|-----------|-----------|
| Child Stem> ID:0  | Radians:0.44 | Length:5.00 | X: 470.00 | Y: 800.00 |
| Child Stem> ID:1  | Radians:0.44 | Length:4.00 | X: 470.00 | Y: 700.00 |
| Child Stem> ID:2  | Radians:0.44 | Length:3.00 | X: 503.81 | Y: 627.50 |
| Child Stem> ID:3  | Radians:0.44 | Length:2.00 | X: 549.77 | Y: 588.93 |
| Child Stem> ID:4  | Radians:0.44 | Length:1.00 | X: 588.41 | Y: 578.58 |
| Child Stem> ID:5  | Radians:0.44 | Length:1.00 | X: 588.41 | Y: 578.58 |
| Child Stem> ID:6  | Radians:0.44 | Length:2.00 | X: 549.77 | Y: 588.93 |
| Child Stem> ID:7  | Radians:0.44 | Length:1.00 | X: 566.68 | Y: 552.68 |
| Child Stem> ID:8  | Radians:0.44 | Length:1.00 | X: 566.68 | Y: 552.68 |
| Child Stem> ID:9  | Radians:0.44 | Length:3.00 | X: 503.81 | Y: 627.50 |
| Child Stem> ID:10 | Radians:0.44 | Length:2.00 | X: 503.81 | Y: 567.50 |
| Child Stem> ID:11 | Radians:0.44 | Length:1.00 | X: 520.71 | Y: 531.24 |
| Child Stem> ID:12 | Radians:0.44 | Length:1.00 | X: 520.71 | Y: 531.24 |
| Child Stem> ID:13 | Radians:0.44 | Length:2.00 | X: 503.81 | Y: 567.50 |
| Child Stem> ID:14 | Radians:0.44 | Length:1.00 | X: 486.90 | Y: 531.24 |
| Child Stem> ID:15 | Radians:0.44 | Length:1.00 | X: 486.90 | Y: 531.24 |
| Child Stem> ID:16 | Radians:0.44 | Length:4.00 | X: 470.00 | Y: 700.00 |
| Child Stem> ID:17 | Radians:0.44 | Length:3.00 | X: 436.19 | Y: 627.50 |
| Child Stem> ID:18 | Radians:0.44 | Length:2.00 | X: 436.19 | Y: 567.50 |
| Child Stem> ID:19 | Radians:0.44 | Length:1.00 | X: 453.10 | Y: 531.24 |
| Child Stem> ID:20 | Radians:0.44 | Length:1.00 | X: 453.10 | Y: 531.24 |
| Child Stem> ID:21 | Radians:0.44 | Length:2.00 | X: 436.19 | Y: 567.50 |
| Child Stem> ID:22 | Radians:0.44 | Length:1.00 | X: 419.29 | Y: 531.24 |
| Child Stem> ID:23 | Radians:0.44 | Length:1.00 | X: 419.29 | Y: 531.24 |
| Child Stem> ID:24 | Radians:0.44 | Length:3.00 | X: 436.19 | Y: 627.50 |
| Child Stem> ID:25 | Radians:0.44 | Length:2.00 | X: 390.23 | Y: 588.93 |
| Child Stem> ID:26 | Radians:0.44 | Length:1.00 | X: 373.32 | Y: 552.68 |
| Child Stem> ID:27 | Radians:0.44 | Length:1.00 | X: 373.32 | Y: 552.68 |
| Child Stem> ID:28 | Radians:0.44 | Length:2.00 | X: 390.23 | Y: 588.93 |
| Child Stem> ID:29 | Radians:0.44 | Length:1.00 | X: 351.59 | Y: 578.58 |
| Child Stem> ID:30 | Radians:0.44 | Length:1.00 | X: 351.59 | Y: 578.58 |

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RULE2 Generation Set

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|                   |              |             |           |           |
|-------------------|--------------|-------------|-----------|-----------|
| Child Stem> ID:31 | Radians:0.52 | Length:6.00 | X: 470.00 | Y: 800.00 |
| Child Stem> ID:32 | Radians:0.52 | Length:5.00 | X: 470.00 | Y: 680.00 |
| Child Stem> ID:33 | Radians:0.52 | Length:4.00 | X: 520.00 | Y: 593.40 |
| Child Stem> ID:34 | Radians:0.52 | Length:3.00 | X: 589.28 | Y: 553.40 |
| Child Stem> ID:35 | Radians:0.52 | Length:2.00 | X: 649.28 | Y: 553.40 |

|                   |              |             |           |           |
|-------------------|--------------|-------------|-----------|-----------|
| Child Stem> ID:36 | Radians:0.52 | Length:1.00 | X: 683.92 | Y: 573.40 |
| Child Stem> ID:37 | Radians:0.52 | Length:1.00 | X: 683.92 | Y: 573.40 |
| Child Stem> ID:38 | Radians:0.52 | Length:2.00 | X: 649.28 | Y: 553.40 |
| Child Stem> ID:39 | Radians:0.52 | Length:1.00 | X: 683.92 | Y: 533.40 |
| Child Stem> ID:40 | Radians:0.52 | Length:1.00 | X: 683.92 | Y: 533.40 |
| Child Stem> ID:41 | Radians:0.52 | Length:3.00 | X: 589.28 | Y: 553.40 |
| Child Stem> ID:42 | Radians:0.52 | Length:2.00 | X: 619.28 | Y: 501.44 |
| Child Stem> ID:43 | Radians:0.52 | Length:1.00 | X: 653.92 | Y: 481.44 |
| Child Stem> ID:44 | Radians:0.52 | Length:1.00 | X: 653.92 | Y: 481.44 |
| Child Stem> ID:45 | Radians:0.52 | Length:2.00 | X: 619.28 | Y: 501.44 |
| Child Stem> ID:46 | Radians:0.52 | Length:1.00 | X: 619.28 | Y: 461.44 |
| Child Stem> ID:47 | Radians:0.52 | Length:1.00 | X: 619.28 | Y: 461.44 |
| Child Stem> ID:48 | Radians:0.52 | Length:4.00 | X: 520.00 | Y: 593.40 |
| Child Stem> ID:49 | Radians:0.52 | Length:3.00 | X: 520.00 | Y: 513.40 |
| Child Stem> ID:50 | Radians:0.52 | Length:2.00 | X: 550.00 | Y: 461.44 |
| Child Stem> ID:51 | Radians:0.52 | Length:1.00 | X: 584.64 | Y: 441.44 |
| Child Stem> ID:52 | Radians:0.52 | Length:1.00 | X: 584.64 | Y: 441.44 |
| Child Stem> ID:53 | Radians:0.52 | Length:2.00 | X: 550.00 | Y: 461.44 |
| Child Stem> ID:54 | Radians:0.52 | Length:1.00 | X: 550.00 | Y: 421.44 |
| Child Stem> ID:55 | Radians:0.52 | Length:1.00 | X: 550.00 | Y: 421.44 |
| Child Stem> ID:56 | Radians:0.52 | Length:3.00 | X: 520.00 | Y: 513.40 |
| Child Stem> ID:57 | Radians:0.52 | Length:2.00 | X: 490.00 | Y: 461.44 |
| Child Stem> ID:58 | Radians:0.52 | Length:1.00 | X: 490.00 | Y: 421.44 |
| Child Stem> ID:59 | Radians:0.52 | Length:1.00 | X: 490.00 | Y: 421.44 |
| Child Stem> ID:60 | Radians:0.52 | Length:2.00 | X: 490.00 | Y: 461.44 |
| Child Stem> ID:61 | Radians:0.52 | Length:1.00 | X: 455.36 | Y: 441.44 |
| Child Stem> ID:62 | Radians:0.52 | Length:1.00 | X: 455.36 | Y: 441.44 |
| Child Stem> ID:63 | Radians:0.52 | Length:5.00 | X: 470.00 | Y: 680.00 |
| Child Stem> ID:64 | Radians:0.52 | Length:4.00 | X: 420.00 | Y: 593.40 |
| Child Stem> ID:65 | Radians:0.52 | Length:3.00 | X: 420.00 | Y: 513.40 |
| Child Stem> ID:66 | Radians:0.52 | Length:2.00 | X: 450.00 | Y: 461.44 |
| Child Stem> ID:67 | Radians:0.52 | Length:1.00 | X: 484.64 | Y: 441.44 |
| Child Stem> ID:68 | Radians:0.52 | Length:1.00 | X: 484.64 | Y: 441.44 |
| Child Stem> ID:69 | Radians:0.52 | Length:2.00 | X: 450.00 | Y: 461.44 |
| Child Stem> ID:70 | Radians:0.52 | Length:1.00 | X: 450.00 | Y: 421.44 |
| Child Stem> ID:71 | Radians:0.52 | Length:1.00 | X: 450.00 | Y: 421.44 |
| Child Stem> ID:72 | Radians:0.52 | Length:3.00 | X: 420.00 | Y: 513.40 |
| Child Stem> ID:73 | Radians:0.52 | Length:2.00 | X: 390.00 | Y: 461.44 |
| Child Stem> ID:74 | Radians:0.52 | Length:1.00 | X: 390.00 | Y: 421.44 |
| Child Stem> ID:75 | Radians:0.52 | Length:1.00 | X: 390.00 | Y: 421.44 |
| Child Stem> ID:76 | Radians:0.52 | Length:2.00 | X: 390.00 | Y: 461.44 |
| Child Stem> ID:77 | Radians:0.52 | Length:1.00 | X: 355.36 | Y: 441.44 |
| Child Stem> ID:78 | Radians:0.52 | Length:1.00 | X: 355.36 | Y: 441.44 |
| Child Stem> ID:79 | Radians:0.52 | Length:4.00 | X: 420.00 | Y: 593.40 |

|                   |              |             |           |           |
|-------------------|--------------|-------------|-----------|-----------|
| Child Stem> ID:80 | Radians:0.52 | Length:3.00 | X: 350.72 | Y: 553.40 |
| Child Stem> ID:81 | Radians:0.52 | Length:2.00 | X: 320.72 | Y: 501.44 |
| Child Stem> ID:82 | Radians:0.52 | Length:1.00 | X: 320.72 | Y: 461.44 |
| Child Stem> ID:83 | Radians:0.52 | Length:1.00 | X: 320.72 | Y: 461.44 |
| Child Stem> ID:84 | Radians:0.52 | Length:2.00 | X: 320.72 | Y: 501.44 |
| Child Stem> ID:85 | Radians:0.52 | Length:1.00 | X: 286.08 | Y: 481.44 |
| Child Stem> ID:86 | Radians:0.52 | Length:1.00 | X: 286.08 | Y: 481.44 |
| Child Stem> ID:87 | Radians:0.52 | Length:3.00 | X: 350.72 | Y: 553.40 |
| Child Stem> ID:88 | Radians:0.52 | Length:2.00 | X: 290.72 | Y: 553.40 |
| Child Stem> ID:89 | Radians:0.52 | Length:1.00 | X: 256.08 | Y: 533.40 |
| Child Stem> ID:90 | Radians:0.52 | Length:1.00 | X: 256.08 | Y: 533.40 |
| Child Stem> ID:91 | Radians:0.52 | Length:2.00 | X: 290.72 | Y: 553.40 |
| Child Stem> ID:92 | Radians:0.52 | Length:1.00 | X: 256.08 | Y: 573.40 |
| Child Stem> ID:93 | Radians:0.52 | Length:1.00 | X: 256.08 | Y: 573.40 |

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RULE3 Generation Set

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|                    |              |             |           |           |
|--------------------|--------------|-------------|-----------|-----------|
| Child Stem> ID:94  | Radians:0.35 | Length:7.00 | X: 470.00 | Y: 800.00 |
| Child Stem> ID:95  | Radians:0.35 | Length:6.00 | X: 470.00 | Y: 660.00 |
| Child Stem> ID:96  | Radians:0.35 | Length:5.00 | X: 511.04 | Y: 547.24 |
| Child Stem> ID:97  | Radians:0.35 | Length:4.00 | X: 575.32 | Y: 470.63 |
| Child Stem> ID:98  | Radians:0.35 | Length:3.00 | X: 644.60 | Y: 430.63 |
| Child Stem> ID:99  | Radians:0.35 | Length:2.00 | X: 703.69 | Y: 420.21 |
| Child Stem> ID:100 | Radians:0.35 | Length:1.00 | X: 743.08 | Y: 427.16 |
| Child Stem> ID:101 | Radians:0.35 | Length:1.00 | X: 743.08 | Y: 427.16 |
| Child Stem> ID:102 | Radians:0.35 | Length:2.00 | X: 703.69 | Y: 420.21 |
| Child Stem> ID:103 | Radians:0.35 | Length:1.00 | X: 738.33 | Y: 400.21 |
| Child Stem> ID:104 | Radians:0.35 | Length:1.00 | X: 738.33 | Y: 400.21 |
| Child Stem> ID:105 | Radians:0.35 | Length:3.00 | X: 644.60 | Y: 430.63 |
| Child Stem> ID:106 | Radians:0.35 | Length:2.00 | X: 683.17 | Y: 384.67 |
| Child Stem> ID:107 | Radians:0.35 | Length:1.00 | X: 717.81 | Y: 364.67 |
| Child Stem> ID:108 | Radians:0.35 | Length:1.00 | X: 717.81 | Y: 364.67 |
| Child Stem> ID:109 | Radians:0.35 | Length:2.00 | X: 683.17 | Y: 384.67 |
| Child Stem> ID:110 | Radians:0.35 | Length:1.00 | X: 696.85 | Y: 347.08 |
| Child Stem> ID:111 | Radians:0.35 | Length:1.00 | X: 696.85 | Y: 347.08 |
| Child Stem> ID:112 | Radians:0.35 | Length:4.00 | X: 575.32 | Y: 470.63 |
| Child Stem> ID:113 | Radians:0.35 | Length:3.00 | X: 602.68 | Y: 395.46 |
| Child Stem> ID:114 | Radians:0.35 | Length:2.00 | X: 641.25 | Y: 349.49 |
| Child Stem> ID:115 | Radians:0.35 | Length:1.00 | X: 675.89 | Y: 329.49 |
| Child Stem> ID:116 | Radians:0.35 | Length:1.00 | X: 675.89 | Y: 329.49 |
| Child Stem> ID:117 | Radians:0.35 | Length:2.00 | X: 641.25 | Y: 349.49 |
| Child Stem> ID:118 | Radians:0.35 | Length:1.00 | X: 654.93 | Y: 311.91 |
| Child Stem> ID:119 | Radians:0.35 | Length:1.00 | X: 654.93 | Y: 311.91 |
| Child Stem> ID:120 | Radians:0.35 | Length:3.00 | X: 602.68 | Y: 395.46 |

|                    |              |             |           |           |
|--------------------|--------------|-------------|-----------|-----------|
| Child Stem> ID:121 | Radians:0.35 | Length:2.00 | X: 602.68 | Y: 335.46 |
| Child Stem> ID:122 | Radians:0.35 | Length:1.00 | X: 616.36 | Y: 297.87 |
| Child Stem> ID:123 | Radians:0.35 | Length:1.00 | X: 616.36 | Y: 297.87 |
| Child Stem> ID:124 | Radians:0.35 | Length:2.00 | X: 602.68 | Y: 335.46 |
| Child Stem> ID:125 | Radians:0.35 | Length:1.00 | X: 589.00 | Y: 297.87 |
| Child Stem> ID:126 | Radians:0.35 | Length:1.00 | X: 589.00 | Y: 297.87 |
| Child Stem> ID:127 | Radians:0.35 | Length:5.00 | X: 511.04 | Y: 547.24 |
| Child Stem> ID:128 | Radians:0.35 | Length:4.00 | X: 511.04 | Y: 447.24 |
| Child Stem> ID:129 | Radians:0.35 | Length:3.00 | X: 538.40 | Y: 372.06 |
| Child Stem> ID:130 | Radians:0.35 | Length:2.00 | X: 576.97 | Y: 326.10 |
| Child Stem> ID:131 | Radians:0.35 | Length:1.00 | X: 611.61 | Y: 306.10 |
| Child Stem> ID:132 | Radians:0.35 | Length:1.00 | X: 611.61 | Y: 306.10 |
| Child Stem> ID:133 | Radians:0.35 | Length:2.00 | X: 576.97 | Y: 326.10 |
| Child Stem> ID:134 | Radians:0.35 | Length:1.00 | X: 590.65 | Y: 288.51 |
| Child Stem> ID:135 | Radians:0.35 | Length:1.00 | X: 590.65 | Y: 288.51 |
| Child Stem> ID:136 | Radians:0.35 | Length:3.00 | X: 538.40 | Y: 372.06 |
| Child Stem> ID:137 | Radians:0.35 | Length:2.00 | X: 538.40 | Y: 312.06 |
| Child Stem> ID:138 | Radians:0.35 | Length:1.00 | X: 552.08 | Y: 274.47 |
| Child Stem> ID:139 | Radians:0.35 | Length:1.00 | X: 552.08 | Y: 274.47 |
| Child Stem> ID:140 | Radians:0.35 | Length:2.00 | X: 538.40 | Y: 312.06 |
| Child Stem> ID:141 | Radians:0.35 | Length:1.00 | X: 524.72 | Y: 274.47 |
| Child Stem> ID:142 | Radians:0.35 | Length:1.00 | X: 524.72 | Y: 274.47 |
| Child Stem> ID:143 | Radians:0.35 | Length:4.00 | X: 511.04 | Y: 447.24 |
| Child Stem> ID:144 | Radians:0.35 | Length:3.00 | X: 483.68 | Y: 372.06 |
| Child Stem> ID:145 | Radians:0.35 | Length:2.00 | X: 483.68 | Y: 312.06 |
| Child Stem> ID:146 | Radians:0.35 | Length:1.00 | X: 497.36 | Y: 274.47 |
| Child Stem> ID:147 | Radians:0.35 | Length:1.00 | X: 497.36 | Y: 274.47 |
| Child Stem> ID:148 | Radians:0.35 | Length:2.00 | X: 483.68 | Y: 312.06 |
| Child Stem> ID:149 | Radians:0.35 | Length:1.00 | X: 470.00 | Y: 274.47 |
| Child Stem> ID:150 | Radians:0.35 | Length:1.00 | X: 470.00 | Y: 274.47 |
| Child Stem> ID:151 | Radians:0.35 | Length:3.00 | X: 483.68 | Y: 372.06 |
| Child Stem> ID:152 | Radians:0.35 | Length:2.00 | X: 445.11 | Y: 326.10 |
| Child Stem> ID:153 | Radians:0.35 | Length:1.00 | X: 431.43 | Y: 288.51 |
| Child Stem> ID:154 | Radians:0.35 | Length:1.00 | X: 431.43 | Y: 288.51 |
| Child Stem> ID:155 | Radians:0.35 | Length:2.00 | X: 445.11 | Y: 326.10 |
| Child Stem> ID:156 | Radians:0.35 | Length:1.00 | X: 410.47 | Y: 306.10 |
| Child Stem> ID:157 | Radians:0.35 | Length:1.00 | X: 410.47 | Y: 306.10 |
| Child Stem> ID:158 | Radians:0.35 | Length:6.00 | X: 470.00 | Y: 660.00 |
| Child Stem> ID:159 | Radians:0.35 | Length:5.00 | X: 428.96 | Y: 547.24 |
| Child Stem> ID:160 | Radians:0.35 | Length:4.00 | X: 428.96 | Y: 447.24 |
| Child Stem> ID:161 | Radians:0.35 | Length:3.00 | X: 456.32 | Y: 372.06 |
| Child Stem> ID:162 | Radians:0.35 | Length:2.00 | X: 494.89 | Y: 326.10 |
| Child Stem> ID:163 | Radians:0.35 | Length:1.00 | X: 529.53 | Y: 306.10 |
| Child Stem> ID:164 | Radians:0.35 | Length:1.00 | X: 529.53 | Y: 306.10 |



|                    |              |             |           |           |
|--------------------|--------------|-------------|-----------|-----------|
| Child Stem> ID:165 | Radians:0.35 | Length:2.00 | X: 494.89 | Y: 326.10 |
| Child Stem> ID:166 | Radians:0.35 | Length:1.00 | X: 508.57 | Y: 288.51 |
| Child Stem> ID:167 | Radians:0.35 | Length:1.00 | X: 508.57 | Y: 288.51 |
| Child Stem> ID:168 | Radians:0.35 | Length:3.00 | X: 456.32 | Y: 372.06 |
| Child Stem> ID:169 | Radians:0.35 | Length:2.00 | X: 456.32 | Y: 312.06 |
| Child Stem> ID:170 | Radians:0.35 | Length:1.00 | X: 470.00 | Y: 274.47 |
| Child Stem> ID:171 | Radians:0.35 | Length:1.00 | X: 470.00 | Y: 274.47 |
| Child Stem> ID:172 | Radians:0.35 | Length:2.00 | X: 456.32 | Y: 312.06 |
| Child Stem> ID:173 | Radians:0.35 | Length:1.00 | X: 442.64 | Y: 274.47 |
| Child Stem> ID:174 | Radians:0.35 | Length:1.00 | X: 442.64 | Y: 274.47 |
| Child Stem> ID:175 | Radians:0.35 | Length:4.00 | X: 428.96 | Y: 447.24 |
| Child Stem> ID:176 | Radians:0.35 | Length:3.00 | X: 401.60 | Y: 372.06 |
| Child Stem> ID:177 | Radians:0.35 | Length:2.00 | X: 401.60 | Y: 312.06 |
| Child Stem> ID:178 | Radians:0.35 | Length:1.00 | X: 415.28 | Y: 274.47 |
| Child Stem> ID:179 | Radians:0.35 | Length:1.00 | X: 415.28 | Y: 274.47 |
| Child Stem> ID:180 | Radians:0.35 | Length:2.00 | X: 401.60 | Y: 312.06 |
| Child Stem> ID:181 | Radians:0.35 | Length:1.00 | X: 387.92 | Y: 274.47 |
| Child Stem> ID:182 | Radians:0.35 | Length:1.00 | X: 387.92 | Y: 274.47 |
| Child Stem> ID:183 | Radians:0.35 | Length:3.00 | X: 401.60 | Y: 372.06 |
| Child Stem> ID:184 | Radians:0.35 | Length:2.00 | X: 363.03 | Y: 326.10 |
| Child Stem> ID:185 | Radians:0.35 | Length:1.00 | X: 349.35 | Y: 288.51 |
| Child Stem> ID:186 | Radians:0.35 | Length:1.00 | X: 349.35 | Y: 288.51 |
| Child Stem> ID:187 | Radians:0.35 | Length:2.00 | X: 363.03 | Y: 326.10 |
| Child Stem> ID:188 | Radians:0.35 | Length:1.00 | X: 328.39 | Y: 306.10 |
| Child Stem> ID:189 | Radians:0.35 | Length:1.00 | X: 328.39 | Y: 306.10 |
| Child Stem> ID:190 | Radians:0.35 | Length:5.00 | X: 428.96 | Y: 547.24 |
| Child Stem> ID:191 | Radians:0.35 | Length:4.00 | X: 364.68 | Y: 470.63 |
| Child Stem> ID:192 | Radians:0.35 | Length:3.00 | X: 337.32 | Y: 395.46 |
| Child Stem> ID:193 | Radians:0.35 | Length:2.00 | X: 337.32 | Y: 335.46 |
| Child Stem> ID:194 | Radians:0.35 | Length:1.00 | X: 351.00 | Y: 297.87 |
| Child Stem> ID:195 | Radians:0.35 | Length:1.00 | X: 351.00 | Y: 297.87 |
| Child Stem> ID:196 | Radians:0.35 | Length:2.00 | X: 337.32 | Y: 335.46 |
| Child Stem> ID:197 | Radians:0.35 | Length:1.00 | X: 323.64 | Y: 297.87 |
| Child Stem> ID:198 | Radians:0.35 | Length:1.00 | X: 323.64 | Y: 297.87 |
| Child Stem> ID:199 | Radians:0.35 | Length:3.00 | X: 337.32 | Y: 395.46 |
| Child Stem> ID:200 | Radians:0.35 | Length:2.00 | X: 298.75 | Y: 349.49 |
| Child Stem> ID:201 | Radians:0.35 | Length:1.00 | X: 285.07 | Y: 311.91 |
| Child Stem> ID:202 | Radians:0.35 | Length:1.00 | X: 285.07 | Y: 311.91 |
| Child Stem> ID:203 | Radians:0.35 | Length:2.00 | X: 298.75 | Y: 349.49 |
| Child Stem> ID:204 | Radians:0.35 | Length:1.00 | X: 264.11 | Y: 329.49 |
| Child Stem> ID:205 | Radians:0.35 | Length:1.00 | X: 264.11 | Y: 329.49 |
| Child Stem> ID:206 | Radians:0.35 | Length:4.00 | X: 364.68 | Y: 470.63 |
| Child Stem> ID:207 | Radians:0.35 | Length:3.00 | X: 295.40 | Y: 430.63 |
| Child Stem> ID:208 | Radians:0.35 | Length:2.00 | X: 256.83 | Y: 384.67 |

|                    |              |             |           |           |
|--------------------|--------------|-------------|-----------|-----------|
| Child Stem> ID:209 | Radians:0.35 | Length:1.00 | X: 243.15 | Y: 347.08 |
| Child Stem> ID:210 | Radians:0.35 | Length:1.00 | X: 243.15 | Y: 347.08 |
| Child Stem> ID:211 | Radians:0.35 | Length:2.00 | X: 256.83 | Y: 384.67 |
| Child Stem> ID:212 | Radians:0.35 | Length:1.00 | X: 222.19 | Y: 364.67 |
| Child Stem> ID:213 | Radians:0.35 | Length:1.00 | X: 222.19 | Y: 364.67 |
| Child Stem> ID:214 | Radians:0.35 | Length:3.00 | X: 295.40 | Y: 430.63 |
| Child Stem> ID:215 | Radians:0.35 | Length:2.00 | X: 236.31 | Y: 420.21 |
| Child Stem> ID:216 | Radians:0.35 | Length:1.00 | X: 201.67 | Y: 400.21 |
| Child Stem> ID:217 | Radians:0.35 | Length:1.00 | X: 201.67 | Y: 400.21 |
| Child Stem> ID:218 | Radians:0.35 | Length:2.00 | X: 236.31 | Y: 420.21 |
| Child Stem> ID:219 | Radians:0.35 | Length:1.00 | X: 196.92 | Y: 427.16 |
| Child Stem> ID:220 | Radians:0.35 | Length:1.00 | X: 196.92 | Y: 427.16 |