

Koch Demos

Routines

To bump :length :limit if :length < :limit [fd :length stop] [] bump :length / 3 :limit lt 60 bump :length / 3 :limit rt 120 bump :length / 3 :limit lt 60 bump :length / 3 :limit end	to BumpAndBack :length :limit bump :length :limit pu bk :length pd end to koch :length :limit repeat 3 [bump :length :limit rt 120] end
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Demo set commands for one side:

```
bumpAndBack 600 700  
bumpAndBack 600 500  
bumpAndBack 600 200  
bumpAndBack 600 50  
bumpAndBack 600 20  
bumpAndBack 600 6
```

Demo set commands for full snowflake:

```
koch 600 700  
koch 600 500  
koch 600 200  
koch 600 50  
koch 600 20  
koch 600 6
```

Fern Demo

Routine

To fern :size :limit if :size < :limit [fd :size bk :size stop] [] fd :size rt 80 fern :size * 0.35 :limit lt 75 fern :size * 0.85 :limit lt 65 fern :size * 0.35 :limit rt 60 bk :size end
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Demo set commands:

```
fern 130 200 fern 130 130 fern 130 80 fern 130 60 fern 130 50 fern 130 40 fern 130 30  
fern 130 20 fern 130 10 fern 130 5 fern 130 3 fern 130 2 fern 130 1 fern 130 0.5 fern 130 0.3
```