

Loreen Henry

EPPS 6356: Data Visualization (Fall 2021)

Assignment 1: Spring Colors Tree

September 14, 2021

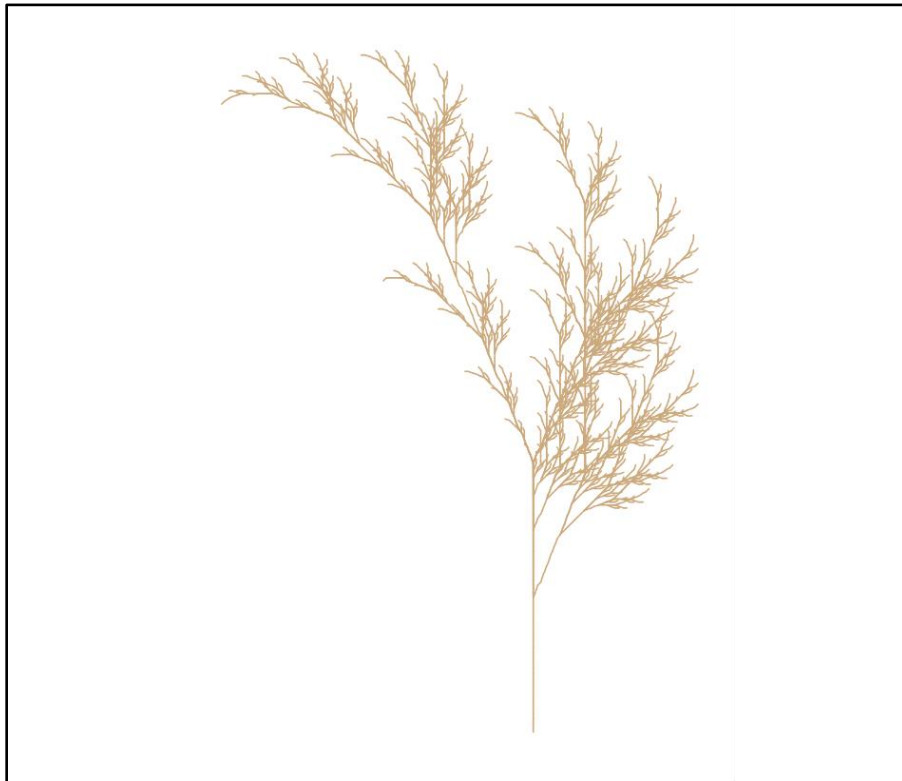


Figure1. Spring Original Color (Burlywood3)

```
ggplot() +  
+   geom_segment(aes(x = x1, y = y1, xend = x2, yend = y2),  
+                 lineend = "round",  
+                 color="burlywood3", # Set Fall color?  
+                 data=na.omit(points)) +  
+   coord_fixed (ratio = 1) +  
+   theme(legend.position="none",  
+         panel.background = element_rect(fill="white"),  
+         panel.grid=element_blank(),  
+         axis.ticks=element_blank(),  
+         axis.title=element_blank(),  
+         axis.text=element_blank())
```

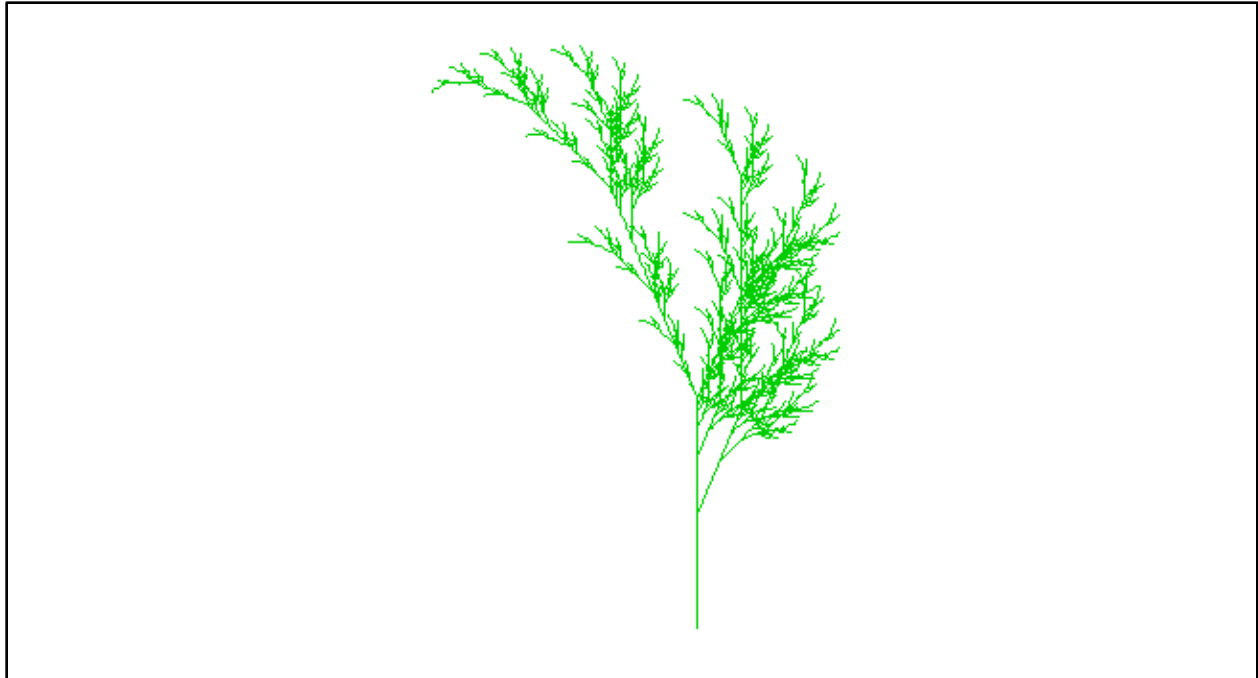


Figure 2. Spring Green3

```
ggplot() +  
+   geom_segment(aes(x = x1, y = y1, xend = x2, yend = y2),  
+     lineend = "round",  
+     color="green3", # Set Fall color?  
+     data=na.omit(points)) +  
+   coord_fixed(ratio = 1) +  
+   theme(legend.position="none",  
+     panel.background = element_rect(fill="white"),  
+     panel.grid=element_blank(),  
+     axis.ticks=element_blank(),  
+     axis.title=element_blank(),  
+     axis.text=element_blank())
```

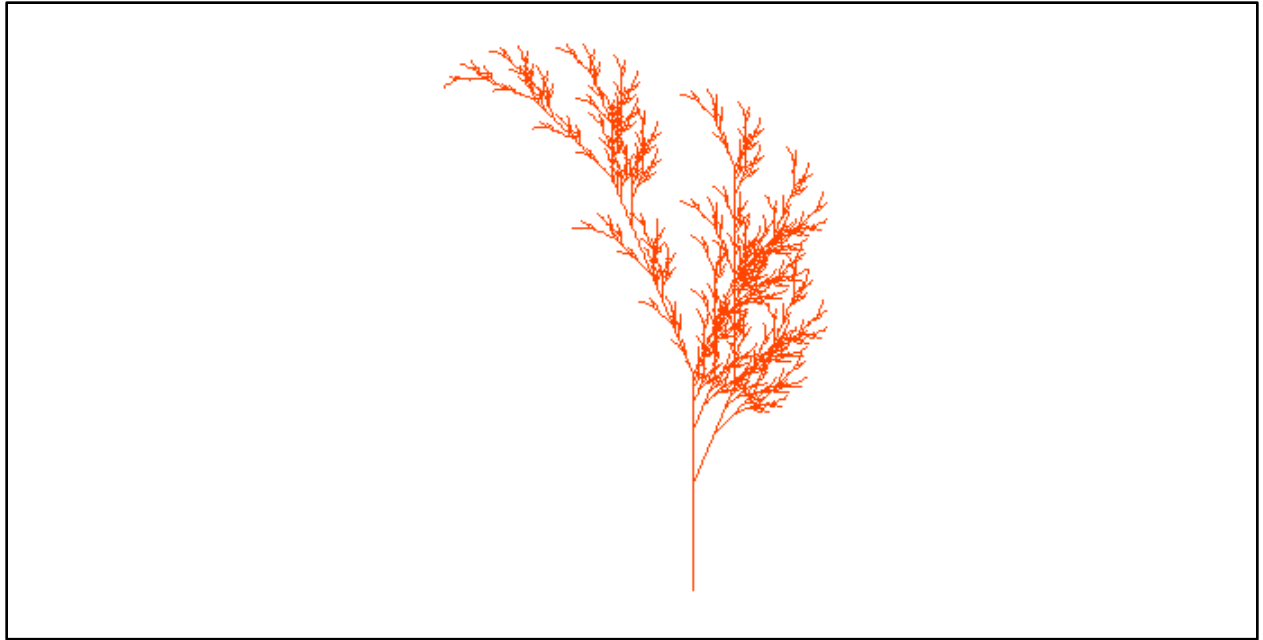


Figure 3. Spring Orangered

```
ggplot() +  
+   geom_segment(aes(x = x1, y = y1, xend = x2, yend = y2),  
+                 lineend = "round",  
+                 color="orangered", # Set Fall color?  
+                 data=na.omit(points)) +  
+   coord_fixed(ratio = 1) +  
+   theme(legend.position="none",  
+         panel.background = element_rect(fill="white"),  
+         panel.grid=element_blank(),  
+         axis.ticks=element_blank(),  
+         axis.title=element_blank(),  
+         axis.text=element_blank())
```

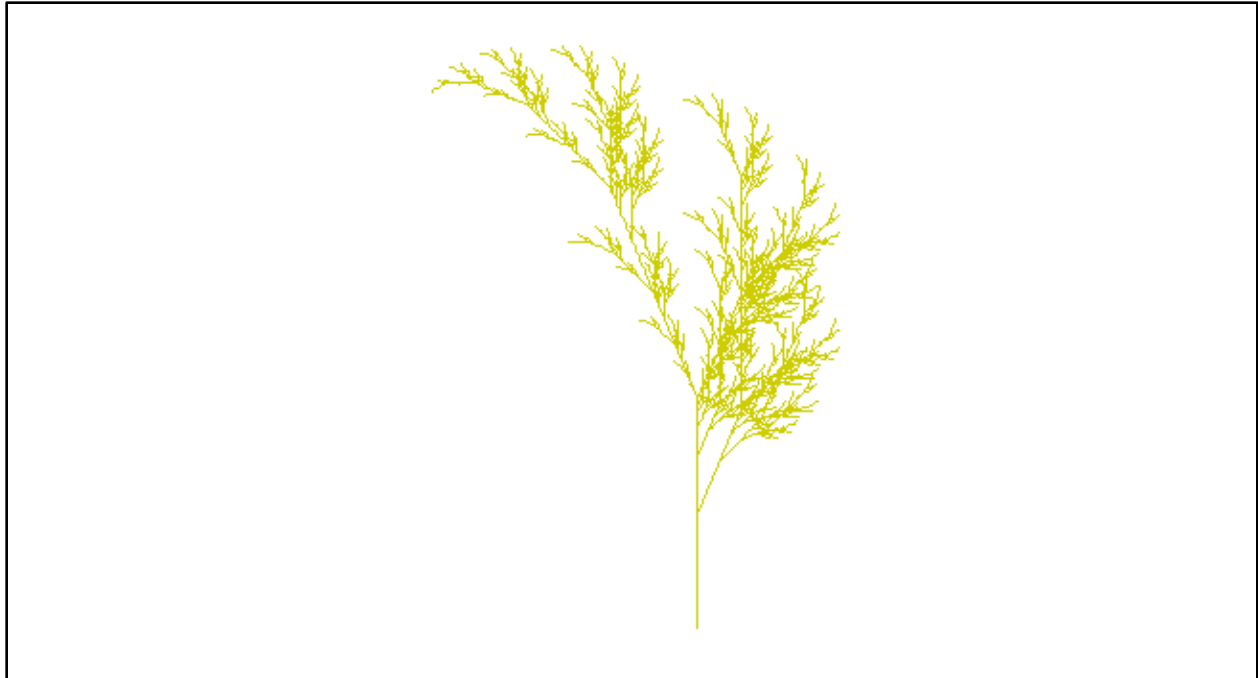


Figure 4. Spring Yellow3

```
ggplot() +  
+ geom_segment(aes(x = x1, y = y1, xend = x2, yend = y2),  
+ lineend = "round",  
+ color="yellow3", # Set Fall color?  
+ data=na.omit(points)) +  
+ coord_fixed(ratio = 1) +  
+ theme(legend.position="none",  
+ panel.background = element_rect(fill="white"),  
+ panel.grid=element_blank(),  
+ axis.ticks=element_blank(),  
+ axis.title=element_blank(),  
+ axis.text=element_blank())
```

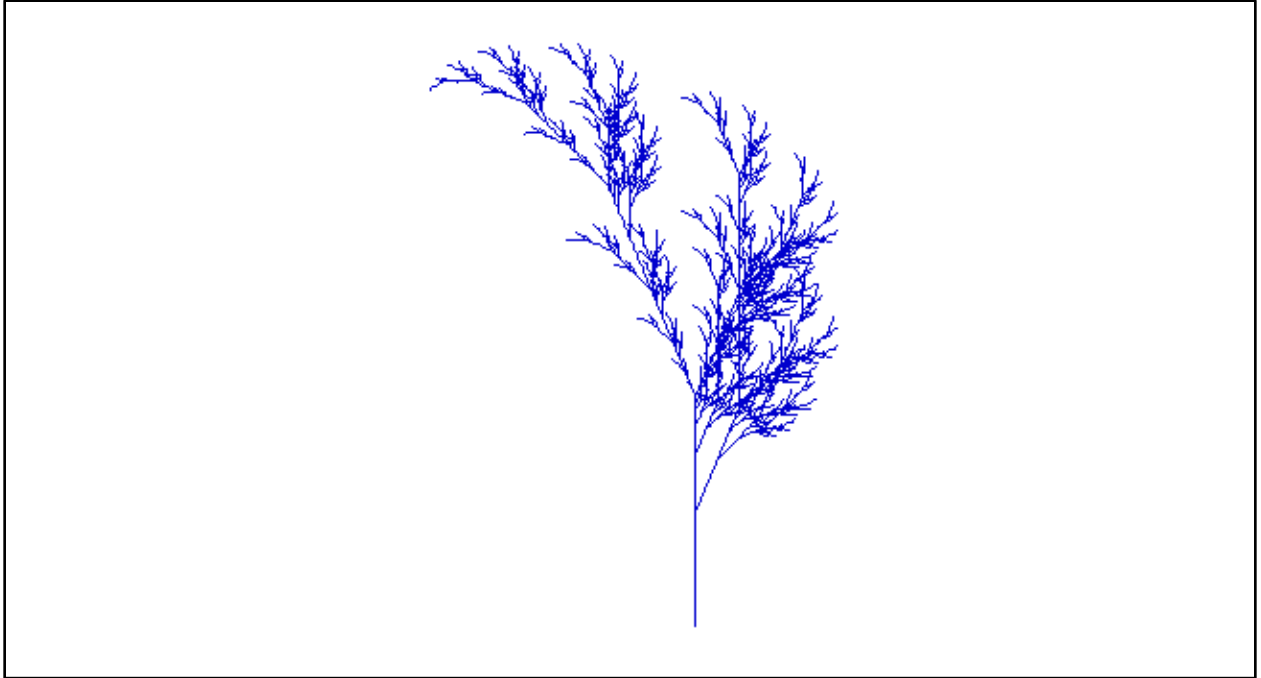


Figure 5. Spring Blue3

```
ggplot() +  
+ geom_segment(aes(x = x1, y = y1, xend = x2, yend = y2),  
+ lineend = "round",  
+ color="blue3", # Set Fall color?  
+ data=na.omit(points)) +  
+ coord_fixed(ratio = 1) +  
+ theme(legend.position="none",  
+ panel.background = element_rect(fill="white"),  
+ panel.grid=element_blank(),  
+ axis.ticks=element_blank(),  
+ axis.title=element_blank(),  
+ axis.text=element_blank())
```

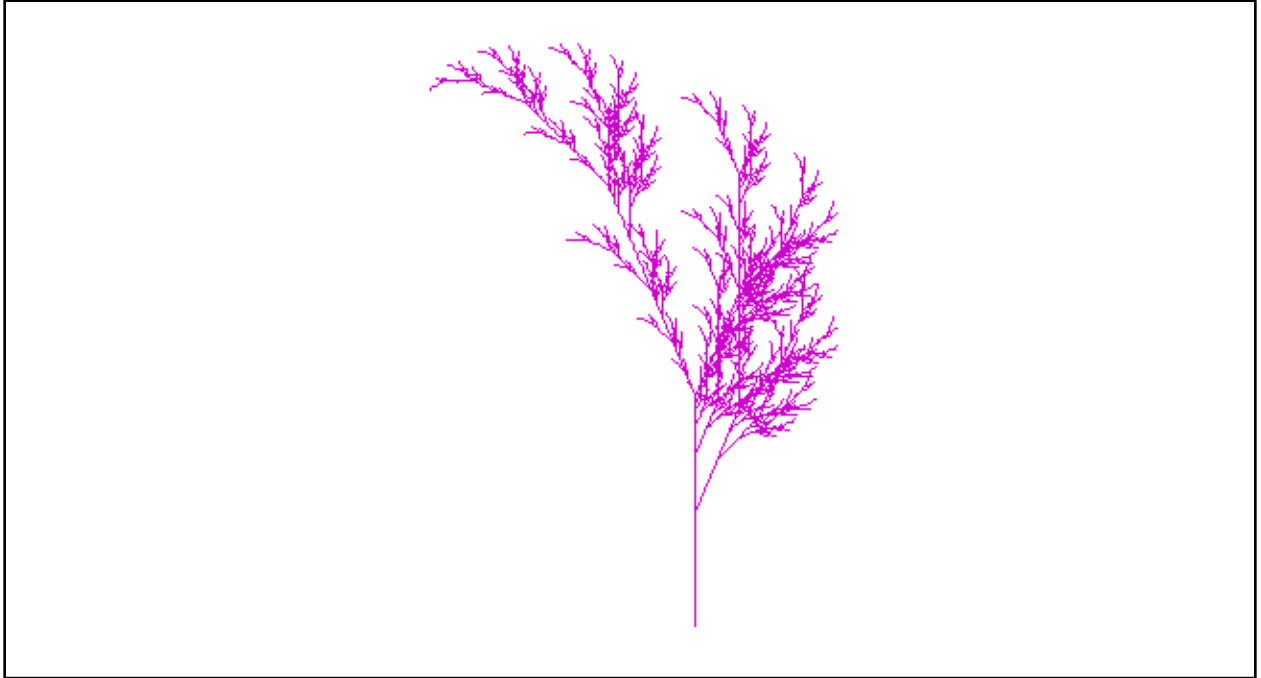


Figure 6. Spring Purple3

```
ggplot() +  
+ geom_segment(aes(x = x1, y = y1, xend = x2, yend = y2),  
+ lineend = "round",  
+ color="purple3", # Set Fall color?  
+ data=na.omit(points)) +  
+ coord_fixed(ratio = 1) +  
+ theme(legend.position="none",  
+ panel.background = element_rect(fill="white"),  
+ panel.grid=element_blank(),  
+ axis.ticks=element_blank(),  
+ axis.title=element_blank(),  
+ axis.text=element_blank())
```